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DATA PROCESSING BRANCH USAFETAC Air Weather Service (MAC)

REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS

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For Amon Housey Cas: Made 1 - 125 7. For Amon Drilly U.S: Made 54 - FEB 70

SEP 29 1978

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Scientific & Technical Information Officer



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REPORT DOCUMENTATION PAGE	READ INSTRUCTIONS BEFORE COMPLETING FORM
1 REPORT NUMBER 2 GOVT ACCESSION NO.	3 RECIPIENT'S CATALOG NUMBER
USAFETAC/DS- 79/105	
4 TITLE (and Subtiste)	5 TYPE OF REPORT & PERICO COVERED
Revised Uniform Summary of Surface Weather Observations (RUSSWO)- HAHN AB, HUNSBRUCK, GERMANY	Final rept.
	6 PERFORMING ORG. REPORT NUMBER
7 AUTHOR(s)	8 CONTRACT OR GRANT NUMBER(3)
9 PERFORMING ORGANIZATION NAME AND ADDRESS	10 PROGRAM ELEMENT, PROJECT, TASK AREA & WORK UNIT NUMBERS
USAFETAC/OL-A Air Force Environmental Technical Appl. Center Scott AFB IL 62225	
11 CONTROLLING OFFICE NAME AND ADDRESS	12 REPORT DATE
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18 SUPPLEMENTARY NOTES	
19 KEY WOPDS (Continue on reverse side if necessary and identify by block number)	
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*RUSSWO Daily temperature Atmo Snowfall Extreme snow depth Extr Climatology Sea-level pressure Psyc Surface Winds Extreme temperature Ceil Relative humidity *Climatological data 20 ABSTRACT (Continue on reverse side if recessary and identify by block number) This report is a six-part statistical summary of sur HAHN AB, HUNSBRUCK, GERMANY It contains the following parts: (A) Weather Conditi (B) Precipitation, Snowfall and Snow Depth (daily am (C) Surface winds; (D) Ceiling Yersus Visibility; Sk Summaries (daily me ximum and minimum temperatures, e	reme surface winds chrometric summary ing versus visibility (over) rface weather observations for ons; Atmospheric Phenomena; ounts and extreme values); cy Cover; (E) Psychrometric extreme maximum and minimum
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19. Percentage frequency of distribution tables
Dry-bulb temperature versus wet-bulb temperature
Cumulative percentage frequency of distribution tables

* GERMANY

HAHN AB, DL

20. and dew-point temperatures and relative numidity); and (F) Pressure Summary (means, standard, deviations, and observation counts of station pressure and sea-level pressure). Data in this report are presented in tabular form, in most cases in percentage frequency of occurrence or cumulative percentage frequency of occurrence tables.

U S AIR FORCE ENVIRONMENTAL TROBNICAL APPLICATIONS CENTER

REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS

HOURLY OBSERVATIONS

hourly observations are defined as those record or record-special observations recorded at scheduled nourly intervals.

DAILY OBSERVATIONS

Daily observations are selected from all data recorded on reporting forms and combined into Summary of the Tay observations. (Selected from record-special, local, summary of the day, remarks, etc.)

DESCRIPTION OF SUMMARIES

Precessing each section is a brief description of the data comprising each part of the Revised Uniform Jummary of Surface Meather Observations and the manner of presentation. Tabulations are prepared from hourly and daily observations recorded by stations operated by the U. S. dervices and some foreign stations using similar reporting practices.

Unless otherwise noted the following summaries are included for this station:

PART A WEATHER CONDITIONS

PART E DAILY MAX, MIN, & MEAN TEMP

ATMOSPHERIC PHENOMENA

EXTREME MAX & MIN TEMP

PART B PRECIPITATION

PSYCHROMETRIC-DRY VS WET BULB

SNOWFALL SNOW DEPTH

MEAN & STD DEV -(DRY BULB, WET BULB, & DEW POINT)

PARTC SURFACE WINDS

RELATIVE HUMIDITY

PART D CEILING VERSUS VISIBILITY

PART F STATION PRESSURE

SKYCOVER DATA NOT AV AILABLE

SEA LEVEL PRESSURE DATA NOT AVAILABLE

STANDARD 3-HOUR GROUPS

All summaries requiring diurnal variations are summarized in eight 3-nour periods corresponding to the following sets of nourly observations: 0000-0200, 0300-0500, 0600-0800, 0900-1100, 1200-1400, 1500-1700, 1800-2000, 2100-2300 hours local standard time.

MISSING HOUR GROUPS

Surmary sheets are omittel when stations maintaining limited observing schedules did not report certain three-hour periods for any particular month during the available period of record. Such missing sheets are listed below, and are applicable to all summaries prepared from hourly observations.

JANUARY	APR IL	JULY	OCTOBER
FEERUARY	MAY	AUGUST	NOVEMBER
MARCE	J082	SEPTEMBER	DECEMBER

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i	-, <u>.</u> . <u> </u>	2 Germany	A2	Auյ 53	Feb 56	N 49 37	E 007 15	1659 £	1615	24
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	Faune		same	Apr 59	Mar 61	3ame	same	Same	1512	24
ا نا	amo		Same	Apr 61	Dec 70	Same	E 007 16	1650	Same	24
5	Same		Same	Jan 71	Feb 78	Same	Same	Same	3ame	24
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_^\$\far{\circ}.	.*	SURFACE WIND	ESUIPHENT	NFORMATION IMPEOR	TYPE OF RECURELS	BYOSK TH CHUSES	REMARKS, AD	DIFIONAL EQUIP	CENT. OR REAS	ION FOR CHANGE
-^@X* ~,	2-166 Aug 53	Located on top of control	cower.	TRANSHIT!	R RECURE: 9	75 £±		DIFIONAL EQUIP	HENT, OR REAS	ION FOR CHANGE
_^CA* ~,) = ¹ (1) £	recution	cower.	TRANSHIT!	ER RECURESA	75 ft Surfac		DIFIONAL EQUIP	HENT, DR REAS	ION FOR CHANGE
1 2	22 63 Aug 53 May 55 Mar 36	Located on top of control Located 50 ft from remote tion site. Located 35 ft N of rnwy ob	tower. observa	IMPEOF ISAASAUTI AN/GM2 - Same Same	I None ML 204 (wnd pa	SACTIONS 75 ft Surfact Lid1) 13 ft	d	DIFIONAL EQUIP	MENT. OR REAS	ION FOR CHANGE
-^\$F	25-168 Aug 53 May 55	Located on top of control Located 50 ft from remote tion site.	tower. observa s site. y 04/22	IMPEOF ISAASAUTI AN/GM2 - Same Same	I None ML 204 (wnd pa	75 ft Surfac	d	DIFIONAL EQUIP	MENT. OR REAS	EON FOR CHANGE
1 2	22 63 Aug 53 May 55 Mar 36	Located on top of control Located 50 ft from remote tion site. Located 35 ft N of rnwy ob Located in midpoint of rnw	tower. observa s site. y 04/22y. line of	AN/GMQ - Same Same AN/GMQ	I None ML 204 (wnd pa	SACTIONS 75 ft Surfact Lid1) 13 ft	d	DIFIONAL EQUIP	MENT OR REAS	ION FOR CHANGE

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rnwy, halfway from either and of rnwy (midpaint).

7588CK 35	DATE CF	SURFACE WIND EQUIPMENT IN-	Postange			
12017:04	CHANGE	LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HI ABOVE OF BOPS	REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHARGE
7 s	Apr 63 Apr 65	Located 500 ft NW of ROS. 1. Located at end of rnwy RO4, 500 ft SE of centerline.	Same Same	Same Same	12 ft Same	
		2. Located at end of rnwy R22, 500 ft SE of centerline.	Same		Same	
و	Apr 70	1. Same	Same	RO-362	Same	
10	Jan 71	2. Same 1. Located 1550 ft from centerline of Rnwy R04, 500 ft SE of centerlin	Same Same	Same	Same Same	
		2. Located 2200 ft fron centerline of Rnvy R22, 500 ft SE of centerlin	Same		Sare	
11	Feb 78	1. Same 2. Same	Same Same	Same	Sure Same	
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U S AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER

PART A

WEATHER CONDITIONS

This summery is a percentage frequency occurrence of various atmospheric phenomena and obstructions to vision, derived from hourly observations, and is presented in two tables as follows:

- 1. By month and annual, all hours and years combined.
- 2. By month, all years combined, by standard 3-hour groups.

A percent value of ".0" in these tables indicates less than .05 percent, which is usually only one occurrence. The various phenomena included in each category on the forms are listed below:

Thunderstorms - All reported occurrences of thunderstorm, tornado, and waterspout.

Rain and or drizzle - All liquid precipitation, falling to the ground, not freezing.

Freezing rain and/or freezing drizzle (glaze) - Precipitation falling in liquid form, but freezing on contact with an unneated surface.

Snow and/or sleet (ice pellets) - Included are snow, snow pellets, sleet, snow grains, ice crystals, and ice pellets from Jan 68 and later. (Snow pellets also known as soft hail)

Hail - Occurrences of tail and small hail are included.

Fercentage of observations with precipitation - Included in this category are the observations when one or more of the above phenomena occurred. Since more than one type of precipitation may be reported in the same observation, the sums of the individual categories may exceed the percentages of the observations with precip.

Fog - Included are fog, ice fog, and ground fog.

Smoke and/or haze - Occurrences of smoke, haze, or combinations of smoke and haze are included.

Blowing snow - Occurrences of blowing snow (also drifting snow when reported from non-WBAN sources).

Dust and/or sand - Included are blowing dust, blowing sand, and dust.

Continued on Reverse

Blowing spray - This item if reported, is not shown in a separate category on this form but is included in the computation Percentage of Observations with Obstructions to Vision, below.

Percentage of observations with obstructions to vision - Included in this category are the observations when one or more of the above obstructions to vision occurred. Since more than one type of obstruction may be reported in the same observation, the sums of the individual categories may exceed the percentage total columns. Also, although precipitation may reduce visibility, it is not considered an obstruction to vision for purposes of this summary; therefore, the percentage total of obstructions to vision need not reflect the total observations with reduced visibility.

DATA PROCESSING MRADON USAF ETAC AIR CLATHER SERVICE/MAC

WEATHER CONDITIONS

STATION STATION NAME STATION NAME STATION NAME STATION NAME STATION

PERCENTAGE PROQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOMES DESERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIF.	fOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
۱۸.	00-02		15.5	2.5	11.7	·	29.2	38.7	6.0			44.7	930
	03-05		16.5	1.	13.3		30.4	41.7	5,4			46.6	930
	00-01		17.1	1.0	آمنا		29.5	42.9	4.4			47.4	929
	09-11		10.1	1.5	14.7		المدن	35.5	7.1			42.6	y30
	12-14		14.5		15.2		29.5	34.2	10.9			45.1	y3Q
	15-17		7.00	1.1	12.4		25.8	34,5	11.2			46.0	929
	18-20		13.7	1.2	11.5	41	25.4	34.5	9.2			43.A	930
	21-23		14.0	1.7	7.6		24.7	38.1	6.8			44.8	930
													<u> </u>
TOTALS		• 0	15.3	1.4	12.6	: • C	28,3	37.5	7,6			45.1	7438

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WEATHER CONDITIONS

STATION STATION NAME SPACE SERMANY 9-7: FEB MONTH

PORCENTAGE FREQUENCY OF UCCURRENCE OF WEATHER CONDITIONS FROM HUMBLY UNSERVATIONS

нтиом	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZŽLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	10 G	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NC. OF OBS.
i E	00-02		10.5	1.1	14.0		25.8	31.7	11.1			42.8	546
	03-05		11.0	Q	17.9		28.0	33.7	11.0			44.7	040
	06-03		9.6	2	10.0		28.0	37.1	9.6			45.7	840
	39-11		10.9		13.1		29.2	27.9	14.1	1		42.1	560
	12-14		12.3		15.4		28.0	20.0	15.5			35.5	340
	15-17		10.8		12.5		23.0	19.3	20.5		·	39.8	
	18-20		12.2	1.1	13.6		25.7	19.7	20.9			40.7	046
	21-23		12.2	• 6	14.1	 .	26.6	22.9	15.5			38.4	646
TOTALS		• 0	11.3	ā	15.7		26.9	26.5	14.8	• 0		41.3	6768

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WEATHER CONDITIONS

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PERCENTAGE PREQUENCY OF GOVERNMENT OF WEATHER CONCITIONS FROM HOURT ONSERVATIONS

моитн	HOURS (LST)	THUNDER- STORMS	RAIN AND 'OR DRIZZLE	FREEZING RAIN & , OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND OR SAND	STORES WITH OBST NOISIV OT	TOTAL NO. OF OBS
	00-62		11.0		و. بند		41.3	17.1	<u> </u>			35.2)3C
	03-05		9.8		13.4		22.8	22.4	_ <u>15.2</u>			37.3	43v
	06-08		9.7	1	12.9		22.4	27.3	15.3			42.3	<i>1</i> 30
	09-11		11.4	3	11.2		22.9	14.5	19.4			34.2	<i>1</i> 3∪
	12-14		9.6		3.5		17.6	8.9	17.2			26.1)30
	15-17	1	10.4				17.3	6.3	18.3			24.6	130
	18-20	2	11.1		0_6		19.7	8.0	لعالم			29.1	929
	21-23		9.1		8.2		16.7	13.0	13.8			31.8	930
												 	
TOTALS .		.0	10.2	• 1	10.1	• 0	20.0	14.7	18.0			32.5	7439

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WEATHER CONDITIONS

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31211014	SINIION HAME	16243	,

PREFERENCE FREQUENCY OF LITE MARKET MEATHER CONDITIONS FR. OFFICE OF SERVATIONS

нтиом	HOURS (LST)	THUNDER- STORMS	RAIN AND, OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	* OF OBS . WITH OBST . TO VISION	TOTAL NO OF OBS.
464	00-02		13.3				12.2	10.c	G_ <u>_</u> _5			19.5	<u>)60</u>
	03-05		12,5		<u> </u>		18.1	17.0	2,8			27.6	200
	_0 o− 08		12.5		1.7		19.8	17.2	11.7			48.9	900
	09-11		12.		5.4		17.5	7, R				16.0	טמכ
	12-14	2	13.4		<u> </u>		19.0	3.4	7.4			10.3	906
	15-17	2	15,0		,,,,		20.1	2.r	5,4			8.4	200
	18-20		12.0		3.1		14.7	3.9	8.5			11.9	900
	21-23		12.3		4.F		17.7	5.0	9.1			14.1	900
								·					
TOTALS		1	13.2	0	5.7		18.2	8,4	8.9			17.3	7200

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WEATHER CONDITIONS

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FROE TABLE FREQUENCY OF DICCRECACE OF MEATHER CONDITIONS FOR AGAINST A SERVATIONS

MONTH	HOURS (LST)	THUNDER- STORMS		FREEZING RAIN & , OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	fOG	SMOKE AND/OR HAZE	SHOW	DUST AND, OR SAND	% OF OBS WITH OBST TO VISION .	TOTAL NO OF OBS.
iAY	00-02	• 6	11.6	<u> </u>			11.7	14.1	3.0			23.7	346
	02-05		12.5				13.0	22.1	17.9			33.0	703
	06-03		11.4				11.8	16.6	14.5			30.≎	903
	09-11	3	12.1			2	12.7	3.4	2.3			14.7	203
	12-14	<u>. le</u> û	12.1		4	•1	12.0	2.1	5.0			8.0	912
	12-17	1.5	13.1	[5		13.5	1.7	6.1			7.8	884
	14-27	1.4	13.		1		13.3	3.1	7.7			10.8	<u> </u>
	21-23	. 7	11.0	<u> </u>	5		11.3	7.9	9.0	1	! 	16.9	<u>040</u>
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WEATHER CONDITIONS

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STATION	STATION NAME	YEARS	MONTH

REACTIONS TO HOLDER OF ACTIONS

CONDITIONS TO HOLDER OF SECTIONS

монтн	HOURS (LST)	THUNDER-		FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR BLOW HAZE SNO	VING ' AND OR	S OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
, ; 4	00-02		7,8				9,5	14.3	11.9	<u> </u>	26.2	<u> </u>
.,	03-25	 	2 . 2		!		3.2	24.0	17.2	 	اع.5د	70 پر
	06-05		12.4				12.4	17.7	15.5		23.4	<u>576</u>
	09-11		9.8				9.8	8.4	¥ . 23		17.2	n 76
	12-14	2,3	12.0				12.1	4,7	6,5		11.0	ò24
	12-17	2.7	12.5				12.9	2.9	5.9		9.8	354
	18-20	2.2	12.2				12.2	4.7	7.9		12.Z	<u>a10</u>
	21-23	1.2	11.9		i	•	12.0	6,8	10.4		17.4	010
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TOTALS		1.2			0		11.2	10.5	9.2		19.7	6796

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WEATHER CONDITIONS

STATION STATION NAME YEARS MONTH

FERCE TAGE FREQUENCY OF UT, ROLAGE OF MEATHER CONCITIONS FROM CORE OF TRAVATIONS

MONTH	HOURS (LST)	THUNDER- STORMS	RAIN AND, OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	ANDIOK	* OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
17.	<u> </u>	1.3	5.9		-		5.7	14.7	11.3			26.5	<u>036</u>
	05-05	1.0	5.8				6.3	23.3	12,5			36.3	7:3
	06-08		7.3				7.3	<u>'8.6</u>	14.5			33.1	953
	09-11	3	F.5				8.3	6.2	10.5			17.3	9:3
	12=14	1.3	7.3				7.3	2•	5_5		· ·	7.6	912
	1:-17	<i>ئە 2</i>	3.5				0.5		4.7			5.4	<u>0</u>
	16-20	1.7	8.7				8.7	3.7	7.2			11.1	
	21-23		7.2				7.2		10.3			17.4	37
												<u> </u>	
								! 				 	
TOTALS		, ,	7.5			. 5	7.5	9.8	9.6			19.4	7012

USAFETAC $_{\rm RAY\,64}^{\rm FORM}$ 0-10-5(QL A), previous entities of thes form are described

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WEATHER CONDITIONS

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STATION STATION NAME YEARS

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FRESTAGE FREQUENCY THE ON TRACING OF WEATHER COMMITTIONS FROM SOME OF OFRVATIONS

HINOM	HOURS (LST)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	fOG	SMOKE AND, OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
!! ,	00-02	• 5	<u>> 5</u>				9.5	16.7	13.2			29.9	930
	<u> 05-66</u>	<u>, u</u>) و ث				Ĕ.0	30.2				41.5	-170
	_ეღ - ამ		7.8	!			9.5	_28.3	7			41.3	¥30
	79-11	1	0.7				8.7	. 11.5	15.9			27.5	<u> 430</u>
	_12-14	1.6	10.1	-			10.3	3	10.9	The state of the s		13.9	330
	15-17	3.4					9.2	2.7	8.5			11.2	130
	:_14-50 !	2.5					11.2	5.3	13.0			18.2	930
	21-23	1.0	10.5				10.5	9.;	15.7			24.3	920
										-			
	1											 	
	* * * * * * * * * * * * * * * * * * *			i									
	<u></u>												
TOTALS		1.3	9,0				9.7	13.4	12.7	<u> </u>		26.1	7440

USAFETAC $^{\rm PORM}_{\rm JRY 64}$ 0-10-5(QL A), PREVIOUS EDITIONS OF THIS FORM ARE OBSOLET

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WEATHER CONDITIONS • §

STATION	HAHEN AT / HAND STATION NAME	T-7 / YEARS	- 3É+
		15.40	

CONDITIONS FREQUENCY OF UC , RECORD OF REATHER CONDITIONS

монтн	HOURS (LST)	THUNDER-	RAIN AND, OR DRIZZLE	FPEEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND/OR HAZE	BLOWING	DUST AND, OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
	<u> </u>	2	<u> </u>				8.0	25.2	14.3			29.0	• 05
	03-05	2				<u>. </u>	<u> </u>	<u> </u>	1.45			44.7	200
	<u> </u>		16.00				10.8	35.4	5,4			43.9	300
	09-11		F.2				3.2	15.1	15.4			30.5	<u>-∩</u> 3
	12-14		9.5				9.4	4.9	12.3			15.2	-00 <u>-</u>
	12-17	2	10.6				10.6	4.7	12.2			14.2	300
	1ā-20	1	8.6				5.6	9.8	14.8			24.6	200
	21-23		9.7				9.7	14.6	15.8			30.3	<u>900</u>
													
													
TOTALS		.2	9.4		. q		9,4	17.9	12,5			30.4	7200

USAFETAC PORM 0-10-5(QL, A), PREVIOUS ENTITIONS OF THIS FORM ARE DISCLETE

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WEATHER CONDITIONS

STATION STATION NAME YEARS MONTH

FINCE TAUN FREQUENCY OF UCCOMPLIGED IN WEATHER CONVITIONS FELL WIRE OF JENVATIONS

нтиом	HOURS (LST)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & , OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP	fOG	SMOKE AND/OR HAZE	BLOWING SNOW	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS.
c ī	00-02	2	15.1				15.4	4C.A			 46.2	330
	03-05		<u>عود (</u>				16.2	46.2			 53.1	730
	00=08		15.5				14.5	<u> 47.</u> 5			54.2	<u> </u>
	09-11		11.2				11.3	35.1	12.5		47.1	930
	12-14		12.4				12.5	18.2	15.5		33.7	930
	1		13.4				13.7	18.3	15.3		 35.2	1 30
	13-20		11.6				11.7	26.3	14.3		 40.6	930
	21-23		12.6		5		13.0	31.2	9.8		40.0	930
												
										-		
										200 C C C C C C C C C C C C C C C C C C		
TOTALS		1	13.		. 6	<u></u>	13.5	33.0	10.7		43.5	7440

USAFETAC $^{\text{PORM}}_{\text{PAT-64}}$ 0-10-5(OL A), previous editions of this point are disjuted

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WEATHER CONDITIONS

STATION STATION STATION NAME

PERCENTAGE FREQUE CY ME ONE RESINCE THE WEATHER CONDITIONS FROM INCOME.

нтиом	HOURS (LST)	THUNDER- STORMS	RAIN AND, OR DRIZZLE	FREEZING RAIN & CR DRIZZLE	SNOW AND/OR SLEET	HAIL	3 OF OBS WITH PRECIP.	fOG	SMOKE AND-OR BLOWING HAZE SNOW	DUST & OF OBS AND, OR WITH OBST SAND TO VISION	TOTAL NO OF OBS
.ก.	00-02	1	15.6		7.7		<u>: </u>	29.	3.5	33.2	706
	50 <u>-ده</u>		17.2	- 3	3.2		26.4	33,	7.7	35.3	<u> </u>
	00-03		<u> </u>		7.5		24.3	36.0	3.9	19.8	>50
	09-11		17.5		3.4		25.5	28.3	7.3	35.3	<u>, າ</u> ບ
	12-14		17.3	- 4	្ត ខ		25.2	18.5	2.3	27.1	200
	15-17	.1	17.4	9			23.8	18.4	9.8	23.2	300
	15-20	لمــــا	17.5	1.3	6.1		24.1	20.9	7.7	23.5	200
	21-23		17.	1.0	7. ೧	<u> </u>	74.4	<u>23.9</u>	4.7	.1 25.7	900
				THE STREET STREET							
							manuscript and the second seco			10 parameter 4 a servicio de 10 a servicio 4	
TOTALS		• (17.4	, 7	7,8		24.8	26.1	5.9	.0 32.0	7200

USAFETAC RAT 64 0-10-5(QL A), REVIOUS EDITIONS OF THIS FORM ABE ON

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WEATHER CONDITIONS

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STATION	STATION NAME	YEARS	MONTH

PARCENTAGE PRESUREMENT OF OUT RELIGIOUS OF MEATHER CONDITIONS FROM THE REPORTIONS

HTMOM	HOURS (i.s T)	THUNDER- STORMS	RAIN AND, OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	OBS WITH	FOG	SMOKE AND/OR HAZE	BLOWING SNOW		S OF OBS WITH OBST TO VISION	TOTAL NO OF OBS.
	00-02		i 11.c	1.4	11.9		24.7	42.4	5 <u>.</u> 2			47.5	ي ي ي
	5ي-دو		13.4	1.3	14.5		47.8	41.3	3.3		· · · · · · · · · · · · · · · · · · ·	45.1	730
	<u> </u>		; <u>; 11.0</u>	2,3	15.4		27.5	42.5	4,4			46.5	130
	09-11		10.5	1.1	14.8		25.4	40.5	7.7			45.3	130
	12-14		12.0	, , , ,	14.5		27.0	33.3	17.4			43.8	93u
	15-17		10.3	1.7	10.4		21,5	39.7	12.1			49.3	930
	16-20		11.4	1.5	12.3		25.2	37.	<u>3.3</u>		<u> </u>	45.3	930
	21-23		10.6	1.9	12.2		24.2	40.2	6.2			46.5	930
			<u> </u>				o o o o o o o o o o o o o o o o o o o						
					all'actions again								
TOTALS			11.4	1.4	13.3		25.4	39.6		_		46.6	7440

USAFETAC $^{\text{TOFM}}_{\text{RAT-64}}$ C:10-5(QL A), previous editions of this form are desolete

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WEATHER CONDITIONS

STATION STATION NAME YEARS MONTH

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MONTH	HOURS (LST)	' THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE		HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/ CR SAND	S OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
Å 3	<u> -! i.</u>	4	15.3	1.4	13.5	•	د.5.3	37.5	7.0			5.1	1,30
FE_			11.5		7		25.9	26.5	<u> 1 • • ē</u>	•		41.3	<u>>/5</u> €
<u> </u>			io.	<u> </u>	11,		20.0	14.7	l3.0	i		غ.و. نام.ود	7439
"P.,		<u>, , , , , , , , , , , , , , , , , , , </u>	13.3	<u>.</u> .d	5.7		18.2	8.4	· • 9			17.3	7230
<u>.:Ar</u>		•	<u> </u>	· 	5,		12.5	9.1	7.1			15.1	742
بال ر	·	1.2	110	> }	<u>.a</u>	<u>• ^</u>	11.2	10.5	7.2	<u> </u>		19.7	5796
الر.		: :!	7 <u></u>	<u> </u>		• .7	7.5	9.8	9.6			15.4	1,112
∆Մಀೣ		1.3	9,6		<u>.</u>		9,7	13.4	12.7			26.1	1440
ΣĒ₽.		-4	9.4		α		9,4	17,9	12.5			30.4	7,00
SCI.		-1	13.				13.5	33.0	10.7	god amon		+3.5	7440
ეy		•	17.4	. 7	7.8		24,8	26.1	5,9			32.0	7200
DE:			11_04	1.4	13.3	<u> </u>	25.4	39.6	7.0			46.6	7440
TOTALS			11.5	.4	5.5	• 0	17.3	20.5	10.5	• 1		31.0	50415

USAFETAC ALT 64 0-10-5(OL A), MEVIOUS EDITIONS OF THIS FORM ARE CHISOLETE

PART A

ATMOSPHERIC PHENOMENA

This summary is a presentation of the percentage of days with occurrence of various atmospheric phenomena. These data are obtained from all recorded information on the reporting from or from hourly data and combined into a daily observation.

The descriptions of the phenomena in the Weather Conditions Summary above also apply for the categories summarized in these daily tabulations. However, it should be noted that in this summary the columns headed "% OF OBS WITH PRECIP" and "% OF OBS WITH OBST TO VISION" show the percentage of days rather than the percentage of observations. Since more than one type of precipitation or more than one type of obstruction may occur in the same daily observation, the sum of the values in the individual categories may differ from the total columns.

A percent value of ".0" in the table indicates less than .05 percent, which is usually only one occurrence.

This presentation is by month with annual totals, and is pregared with all years combined.

- NOTES: (1) A day with rain and/or drizzle was not separately reported in the WBAN data prior to year 1949. Therefore, percentages in this column are restricted to the period Jan 1949 and later.
 - (2) A day with freezing rain and/or freezing drizzle is also properly reported as a day with rain and/or drizzle.
 - (3) A day with dust and/or sand is included in this summary only when visibility is reduced to less than 5/8 mile.

DATA PROCESSING TRAMP USAF ETAC AIR RATHER SERVICE/MAC

WEATHER CONDITIONS:

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STATION

S'ATION NAME

YEARS

PERCENTAGE OF EMYS WITH MARIN SO THESEMORIE PHE ME A FREM HOLDEN HER REPORT OF THE PARTY OF THE

₩ ONTH	HOURS LS T	THUNDER- STORMS	RAIN RO CAR BIZZIFO	FREEZING RAIN & CR DRIZZLE	SNOW ROTCHA TEELS	HAL	3 OF OSS WITH PRECIP.	FOG	SMOKE AND CR HAZE	BLOWING SNOW	DUST \$ OF OBS TOSC HTM SO CHAS HOISIV OT CHAS	TOTAL NO OF OBS
144	DATE:	. 9	> ~ ,0	12.7	51.0	1.7	77.9	54.3ı	> .2		₹7 . 7	743
Ft3		. 7	47.5	5.3	45.5	1 - 1	71,9	76.7	o."3	7.	90.2	575
148	:	! • L	47,3	1.4	٠ ٢٠.١٤	• 1	03.8	65.5	7*.6	, éq	â7 . 5	744
12R		۶.۶	57.4	. 5	21.3	4.7	64.3	55.1	>5.7		72.0	723
44Y	# E	. :2.4	62.7		:.5	4.1	63.5	50.5	>3. %		59.1	71>
J ,\		14.5	57.8			1.7	57.8	52 • 2	55.5		67.3	5 90
Jul	d	16.4	26.0			1	56.0	53.2	5 ⁷ ∙¤		73.4	715
AJG		13.2	57.9		<u> </u>	1.1	57.9	60.6	54 . 0		72.2	744
SEP		4.7	>2.9		• 5	• 5	52.9	59.9	oc.7		81.7	705
эст		2 • d	54.0		3.6	1.1	54.1	81.0	63.0	an paragraphy	39.6	745
พบV	t un manua y		64.6	3.9	25.7	1.7	72,5	£5•1	51.5	- The state of the	99.0	712
UFC	on o man man 1	•	>5. 0	10.9	42.3	1 • 2	73.9	87.9	43.7	• 57	93.0	74.5
TOTALS	*	5.9	55.6	3.0	18.7	2.q	63.9	68.4	56 . 6		31.7	5048

USAFETAC RATE 0-10-5(OL A), HEYICAL FORIOUS OF THIS FORM ARE OSSICETE

U S AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER

PART B

PRECIPITATION, SNOWFALL & SNOW DEPTH

This part of the Uniform Summary consists of eight summaries derived from daily observations as follows:

- The first set presents, in three tables, the percentage frequency of various daily amounts of PRECIPITATION, SNOWFALL, and SNOW DEPTH. The daily amount summary is prepared by month and annual, all years combined, and includes percent of days with measurable amounts; percent of days having none, traces, and given amounts; and means, greatest and least monthly amounts. (The last three statistics are omitted from the show depth summary because of their doubtful and limited value.) A total count of valid observations is given for months and annual. Stations are included in which a portion or all of the period may contain months with missing days. This will be noted on the summary pages. A percent value of ".0" in these daily amount tables indicates less than .05 percent which is usually only one occurrence.
- The second set of three tables presents the extreme daily amounts, by individual year and month, of PRECIPITATION, SNOWFALL, and SNOW DEFTH for the entire period of record available. Also provided are the means and standard deviations for each month and annual (all months) and the total valid observation count. An asterisk (*) is printed in any year-month block when the extreme value is based on an incomplete month (at least one day missing for the month). When a month has valid observations reported but no occurrences, zeros are given in the tables as follows:

EXTREME DAILY PRECIPITATION ".00" equals none for the month (hundredths)

EXTREME DAILY SNOWFALL ".0" equals none for the month (tenths)

EXTREME DAILY SNOW DEPTH "0" equals none for the month (whole inches)

3. The third set of two tables provides the total monthly amounts of PRECIPITATION and SMOWFALL for each year-month and annual. Also prepared are the means, standard deviations, and total number of valid observations for each month and annual (all months). An asterisk (*) is printed in each data block if one or more days are missing for the month. No occurrences for a month are indicated in the same manner as in the extreme tables above. If a trace becomes the extreme or monthly total in any of these tables it is printed as "TRACE."

Continued on Reverse Side

* Values for means and standard deviations do not include measurements from incomplete months.

- NOTES:
- (1) The above studies may also be prepared for stations operating for less than full months for portions or all of the period of record. This may include stations operating 5 or 6 days a week and those with only random days missing. An asterisk (*) in the data blocks will give an indication that a month is incomplete. Please refer to Station History at front of book and observation counts in each summary to evaluate the amounts of data missing.
- (2) Hail was included in snowfall occurrences in the summary of day observations prior to Jan 56, but these occurrences have been removed from snowfall category and counted as Hail in these summaries.
- (3) Snow Depth was recorded and punched at various hours during the period available from U. S. operated stations. The hours used by each service for each period are as follows:

Air Force Stations:

U. S. Navy and National Weather Service (USWB)

 Peginning thru 1945
 at 0800LST
 Beginning thru Jun 52
 at 0030GMT

 Jan 46-May 47
 at 1230GMT
 Jul 52-May 57
 at 1230GMT

 Jun 57-present
 at 1200GMT
 Jun 57-present
 at 1200GMT

DAILY AMOUNTS

PERCENTAGE EREQUENCY OF PRECIPITATION (FROM DAILY OBSERVATIONS)

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HAHN AB/HUNSRUCK GERMANY

54-78

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						AM	OUNTS (II	NCHES)						PERCENT		MONTHLY AMOUNTS		
PRECIP	NONE	TRACE	01	02 05	06 10	11 25	26 50	51100	1 01 2 50	2 51-5 00	5 01 10 00	10 01-20 00	OVER 20 00	OF DAYS	NO :		(INCHES)	
SNOWFALL	NONE	TRACE	0104	0514	1.5 2 4	2534	3 5 4 4	4564	6 5 10 4	10 5 15 4	15 5-25 4	25 5 50 4	OVER 50 4	MEASUR-	OF OBS	MEAN	GREATEST	LEAST
SNOW-	NONE	TRACE	1 .	2	3	46	7-12	13-24	25 36	37 48	49 60	51-120	OVER 120	AMTS				
JAN :	21.8	20.4	6.81	16.6	11.6	15.5	4.7	2.6		: :		! !	į	57.7	705	2.36	3.93	.9
FEB .	28.3	16.9	5.2	11.8	11.7	14.8	8.5	2.6	+2				:	54.8	650	2.46	5.28	. 1
MAR	35.6	19.5	5. a	15.0	7.4	11.3	4.2	1.9	• 1					44.9	742	1.84	3.12	.3
APR	35.9	19.1	5.2	11.0	7.8	14.5	5.2	1.1	- 1				!	45.0	716	1.82	3.39	.z
MAY	36.5	16.6	5.5	11.8	7.4	11.7	6.5	3.9	٠. ١				:	46.9	727	2.69	6.28	.4
אטנ	40.5	19.0	4.1	7.7	7.0	10.0	6.7	4.4	.6				:	40.5	659	2.69	5.13	.1
וחר	44.1	13.8	4.5	8.0	6.8	11.2	7.6	3.2	.8					42.1	660	2.78	4.58	. 8
AUG	40.2	14.7	3.7	9.7	7.2	11.5	8.4	3.6	1.2				!	45.1	679	3.21	7.68	.3
SEP	46.8	15.8	3.9	8.8	7.0	10.5	4.7	2.0	.5					37.4	645	1.92	4.63	.0
ост	46.1	11.5	5.8	11.0	8.0	9.3	4.6	3.2	.4				1	42.4	710	2.16	4-98	.1
моч	26.3	18.3	4.6	15.4	9.7	14.1	8.6	2.3	.7				İ	-55.4	689	2.76	5.58	.8
DEC	24.7	23.1	4.4	13.8	9.6	14.9	6.5	2.8	- 1				İ	-52.2	705	2.58	5.91	. 2
ANNUAL	35.6	17.4	4.9	11.7	8.4	12.4	6.3	2.8	.4					47.0	8287	29.27		\times

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PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING PRANCH USAF/ETAC/OL A AIR WEATHER SERVICE/MAC

EXTREME VALUES

PRECIPITATIO:

FROM DAILY OBSERVATIONS

34055 HAHN AR/HUNSRUCK GERMANY 54-78

YEARS

24 HOUR AMOUNTS IN INCHES

MONTH YEAR	JAN	FEB	MAR	APR	MAY	אטנ	IN	AUG	SEP	ocī	NOV	DEC	ALL MONTHS
54			.77	.42	.70	.43	•55	.76	•52	.55	.45	.57	
55	.83	.62	1.00	. 38	47	.86	•65	. 55.	.25	.03	. 35	.88	1.00
56	.59			.43	.78	.88	1.49	.70	.79	.72	.39	.41	1.49
<u>57</u>	. 45	.97		.94	.44	.67	•36	.56	68,	.53	<u>,51</u>	.82	1.5
38	.89	.71	.28	.23	. 84	.77	.85	.97	.44	.36	. 39	.31	• 3.
59	.98	.05	.44	•62	.92	.45.	.78	1.21	.05	.64	.38	- 53	1.21
60	.36	.39	.27	.33	. 82	• 0 3·	.74	1.32	.60	.00	.58	.96	1.3
61	.7	733.		.65	,59	2.QB	1.10	.28	.43	.44	,39	, <u>23</u>	2.0
62	.4	1.10	.61	.25	.33	.07	•39	.49	.67	.15	,51	.66	1.1.
03	. 24	.21	.79	. 25	.40	_2.35	2.40	.42	.56	1.10	2.26	.15	2.4.
54	* .2!			.66×	.32					·			
65			.65	. 47	.68	1.144	• 40			•1ª	.71	• 97	
66	¥ .31	. 06	* .21*	.46	. 57	.63≱	•51*	.10*	.03	1.47*	.56	1.34	1.4
67	. 19	.56	.51	.37⊭	.55*	.52₩	· 43×	.80	1.03	.70.	.58*	.44	* 1.0
<u> </u>	¥ .3!	.41		.41.	.57	.81	1.00	1.65	1.27	1.90	.52	.50	1.9
69 ,	. 5	.63		. 54	.70	.78	•52	1.77	. 24	.09	. 43:	.19	1.7
70	.6	. 66		. 28	.24			.31	.72	.69	.22*	•41:	
71	.33	.15	.22	.41	.98	.87	• 05	.92	.19	•91.	2.17	.33	2 • 1
72	. 3	3 732		.43	.99	.83	.92	.37	1.01	.33	1.05	.14	1.0
73	.30	.60	.10	.35	.50	.61	.32	.25	.40	.82	.90:	.51	.9
74	.4	.51		.10	. 27	1.16	•63!	.83	.47	. 81	.52	,75	1.16
75	. 33		.68	1.13	1.07	.83	•65	1.00	.84	. 26:	,52,	.30	1.1.
76	.70	3 .53	.27	.27	.33	.37	1.59	• 45	.63	.81	1.06	.39;	1.5
77	.6	.80	.43	,62	.41	.73	1.03	.78	.43	.96	.95	.55	1.0
78	.3	.49							Annual Market			1 m	
												est to the state of the state o	
MEAN	• 52	506	.532	.463	•641	.856	.885	.780	.570	.684	.725	.588	1.40
S. D.	•22	.256		.238	.239	.515	•496	.439	.295	.427	.534	•320	. 45
TOTAL OBS	70	NOTE		716 ED UN	727 LESS T	659 HAN FU	660	619	645	710	689	705	828

USAF ETAC NORM 0-88-5 (OLA)

DATA PRUCESSING RRANCH USAF/ETAC/OL A AIR REATHER SERVICE/MAC

EXTREMEX VALUES
HONTHLY PRECIPITATION.

FROM DAILY DESERVATIONS

34055 STATION

HAHM AP / HUMSPUCK GERMANY

TUTAL MUNTHLY PRECIPITATION IN INCHES

MONTH YEAR	JAN	FE6	MAR	APR	MAY	JUN	JUL	AuG	SEP.	o€7	NOV	DEC	ALL MONTHS
54			1.97	1.39	2.05	i • 15	3.04	4.21	3.31	2.64	1.01	3.06	
55	2.98	3.50	2.12	.90	3.19	5.54	2.83	2.17	1.47	1.99	. 26	4.56	30.11
56	2.96	1.04	2.06	1.73	3.08	3.27	3.77	3.48	2.CO	3.07	2.04	2.02	30.50
57	2.34	3.94	3.09	1.45	1.43	1.09	2.00	2.64	4.03	1.04	1.48	2,25	28.70
28	3.93	3.98	.65	1.16	6.23	2.17	2.27	5.16	1.34	2.13	1.56	2.01	33.24
59	3.10	.14	1.53	1.59	2.34	4.19	1.89	2.85	•05	2.09	1.54	2.72	27.46
50	2.48	1.88	1.09	1.77	1.82	7.12	3.75	5.29	1.97	3,50	3.86	3.42	33.05
61	3,45	2.65	.73	2.20	3,30	4.07	4.58	1.06	1.42	1.95	1,72	2.06	29.79
02	1.95	3.58	2.05	1.60	1.72	.11	2.51	1.92	2.11	.42	1.05	2.79	22.71
٥3	1.14	1.13	2.65	1.11	2.05	.,79	2.69	4.23	1.51	2.47	5.58	. 27	29.61
64	# .92°	1.55	2.35	1.58#	1.37		_				-		
65			2.79	3.07	2,42	±.11≈	.88			.35	4,10	5,51	
66	¥ 1.40	2.88*	1.46*	2.05	1.92	2.85₽	2,49	.34#	.03	3.52*	3.25	5.91	#29.11
67	1.17	2.27	2.51*	1.27≠					2,56₽	2.79	2.51*	1.96:	₹24.07
	** 2.19	2.86	1.58	1.14	2.20	4.73	3.62	7.63	4.46	3.40	1.11	2.94	*35.00
09	1.81	3.91	1.87	3.04	2.83	2.08	1.84	6.95	51.	.14	3.40	1.19	30.17
70	3.42	5.28	3.12	2.45\$.43			1.28	1.87	2.95	1.914	2.21	
71	. 1.07	1.05	.82	.93	5.02	5.13	1.35	3.14	.79	1.43	5.34.	. 57 1	27.54
72	1.11	.73	1.57	2.97	2.05	2.27	2.20	2.27	2.08	•79	3.27	.30 *	24.62
73	.97	3.48	.34	2.14	2.87	1.18_	1.34	.8 <u>o</u>	1.31	3.19	3.11	1.90 1	23.13
74	1.82	1.74	1.65	.23	1.76	3.40	3.11	2.22	2.19.	4.93	3.40	3.67	30.17
75	1.90	.80	2.70	3.39	2.18	3.52	2.24	2.13	2.73	. 39	2.41	. 64	25.53
76	3.81	.90	1.08	99	1.20	. 44;	3.31	1.01	1.78	2.33:	3.11	1.97	21.93
77	3.20	4.68	1.90	2.83	1.68	4.05	2.86	3.07	•90	2.19	5.07	2.91	35.37
78	1.94	2.65	A via	4						•		}	
	5.70 (87.) 12.			the State of the S	American part of the miner	; } :	=	•		and the second s		E. T. AND SHIPE COLOR	
MEAN		2.462				2,639	2.779	3.203	1.922	2.164			28,158
S. D		1.419	.791		1.309			1.881			1.386		4.115
TOTAL OBS.	705	650 NUTE	742	716 ED UN	727	659 HAN FU	660	679	645	710	689	705	8287

USAF ETAC AN M 0-88-5 (OLA)

TATE OF CEST OF TRAVEL AND ALL LAND OF SERVICES AT

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF SWOWFALL (FROM DAILY OBSERVATIONS)

COPE.

HAHN ABAHUNSRUCK GERMANY

54-78

YFAR

-						AM	OUNTS (II	NCHES)						PERCENT		MON	THLY AMO	
PRECIP	NGNE	TRACE	61	02- 05	06 10	11. 25	26 50	51-1 00	1 01-2 50	2 51-5 OC	5 01-10 00	10 01-20 00	OVER 20 00		NO		(INCHES)	
SNOWFALL	NONE	TRACE .	0104	0 5.1 4	1 5-2 4	2534	3 5 4 4	4564	65104	10 5 15 4	15 5 25 4	25 5-50 4	OVER 50 4	MEASUR-	OF OBS.	MEAN	GREATEST	LEAST
SNOW.	NONE	TRACE ;	1	2	3 .	46	7-12	13 24	25 36	37 48	49 60	61 120	OVER 120	AMT5	 			
JAN	48.0	22,5	13.7	9.2	4.2	1.3	.5	.4	- 1		:			29.5	743	8.6	23.2	-:
FEB	54.9	14.6	11.2	11.2	4.3	1.3	1.3	1.0					!	30.4	677	10.0	33.4	TRAC
MAR	68.6	14.8	7.3	5.8	2.2	.7	.3		.4				:	16.6	743	5.2	19.2	. (
APR	77.6	13.8	3.3	3.8	-81	.6			• 1					8.6	718	2.4	15.3	
MAY !	97.1	2.2	.5	. [į						1			.7	734	.1	1.0	
אטנ	99.7	.3									-				690	TRACE	TRACE	
וטנ	100.0	;			;										713	.0	.0	•
AUG	100.0										THE PERSON NAMED IN COLUMN 1				744	.0	.0	
SEP	99.6	.4			*	-					A Million in				706	TRACE	î race	
ост	96.5	2.6	-4	.3	- 1			. 1			The state of the s	İ		.9	744	.4	6.4	
моч	74.7	13.2	5.7	3.9	1.8	•3	. 1	.3						12.1	719	3.3	13.5	•
DEC	56.6	20.6	10.8	6.6	3.2	1.2	.4	.4	.1			İ		22.8	742	6.7	23.5	TRAC
ANNUAL	81.1	8.7	4.4	3.4	1.4	.4	.2	. 2	.]					10.1	8673	36.7	X	X

1210 WS JL 64 0:15-5 (OLI)

PREVIOUS EDITIONS OF THIS FORM ARE DISOLETE

DATA PROCESSING BRANCH USAF/ETAC/OL A AIR MEATHER SERVICE/MAC

EXTREME VALUES

SNOWFALL

FPOM DAILY OBSERVATIONS

34055 HAHA AB/HUISPUCK GERMANY 54-78

24 HOUR AMP, NTS IN INCHES

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
54			.6	. 3	TRACE	• 6	.0	•0	TRACE	TRACE	TRICE	2.7	
55	2.2	5.2	7.3	IRACE	.1.	•0.	.0	• 0		TRACE	, 2	1.1	7.3
56	1.9	2.4	.4		TRACE	• 0	.0	•0	.0	5.4	: .1	1.2	0.4
57	3.4	1.5	.0	.6	. 3	• 0	• 0	•0.	.0	•6	. 8	1.0	3.4
<u>57</u> 58	2.3	2.5	1.1	1.5	•0	• 3	.0	• (-	•0	• 1	TRACE	3.0	3.3
59	7.1	TRACE		TRACE	• 0	• 0.		• 0	.0	TRACE	TRACE	•7.	2.1
60	2.0	3.9	.1	1.5	TRACE	• ^	.0	•0	•0	•0	<u>, 1</u>	9.2	9.2
οl	5.7	1.2	1.1	• 0	.0,	• 0	.0	•0.	• C	• 1	1.7	.1	5.7
62	• 5	6.4	3.0	• 5	•0	• 0	.0	•0	•0	TRACE	4.0	4.0	5.4
63	2.4	2.7	1.4	. 6,	•0	• Q.	• O:	•0	•0	• ^	.0	1.5	2.7
64	¥ 3.7	2.0	2.4	IRACE	•0	• 9	.0	•0	.0	TRACE	.01		≠ 4.7
5 5 ;	3,3	4.3	2.8	1.0	0:	€ 3.	_ • 0:	• Q	0	^	2.0	1.8	4.3
06	1.3	. 3*		TRACE		•0	. 0	• QN	7 .0	•0	4.9	2.1	4.9
67	1.8	• 7	. 5≓	2.3	TRACE	• 0.	.0	• Oi	• 0,	TRACE		2.0	* 2.3
68 .	7.0≈	2.4.	2.2		TRACE	• 0	.0	•0	•0	• °)	1.0	5.0	7.0
69	2.0	6.3	1.2	2.3	TRACE.		. 0:	- 01	.0	_ •0.	2.0	2.1	0.3
70	5.8	4.1	8.0		TRACE			•0	•0	TRACE	• 4	3.1	
71 .	.8	• 6		TRACEI	• 0:	•0.	.0	•01	.0,	TRACE	4,0	.3	
72	3.3	. 2	1.5	TRACE:	TRACE	• 0	.0	•0;	•0	• 1	₹.0	TRACE	3.3
73	. 4.	6.4	1.9	3.0	• 0,	• 0:	0	-0	•0	TRACE	3.C	5.3	
74	.1.	1.4	2.5	. 2	• 1	• 0-	.0	•0	TRACE	2.0.	• 9	3.7	3.7
75	• 2 ₁	• 5	7.3	8.0	. 1	THACE	.0	• 0	.0	. 1	. 4	•6	8.0
76	4.3	3.5	.5	. 7	•0	• 0,	.01	•0	•0	•0	TRACE	2.6	4.3
77	4.7	• 2	1.4	. 7	0	<u>• 0'</u>	.0	•0	0	• <u>^</u>	1.6	2.5	4.7
78	2,8	5.0,										į.	
	:				1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	!						A	
MEAN a	2.67	2.67	2.14	1.12		TRACE	•00		TRACE	, 56	1.40		5.08
S D. §		2.166		1.74	.171	.000;	•000	.000	.000		1.475	2.076	1,965
TOTAL OBS	743	677	743	718	734	690	713	744	706	744	719	742	8673

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA)

DATA FRUCESSING PRANCH USAF/ETAC/OL A AIR WEÄTHER SERVICE/MAC

EXTREME X XAXVES

FPOM DAILY OBSERVATIONS

34055 HAH AT / HUMS PUCK GERMANY

54-73

YEARS

TOTAL MONTHLY SMUNFALL IN INCHES

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	oc:	NOV	ĐĒC	ALL MONTHS
54			1.0	. 4	TRACE	•0	.0	• 0	TRACE	TRACE	-3.CE	4.6	·····
>5	0.5	24.1		IRACE	.1	• 0.	.0	•0		TRACE	. 4	2.7	53.0
56	1,0	9.2	.6		TRACE	• • •	.0	•0	•0	6.4	, 7	5.0	32.7
57	9.9	5.5	.0	• 13	1.0	•0	. 0	.0	. 0		. 8	1.3	18.4
58	11,1	6.9	4.0	3.8	•0	• 3	.0	•0	.0		TA:CE	6.5	32.5
59	11.8	TRACE	.0	TRACE	• 0	<u>.0</u>	.0	• 0	_,0	TRACE	TRICE	.7	12.5
00	я.1	9.1	.2	3.8	TRACE	• 7	.0	•0	•0	• 0	• 1	15.8	38.1
61	11.5	3.9	1.6	. 0	• 0:	• 2	. 0	•0	.0	- 7	1.0	.1	19.0
62	1.6	18.7	11.6	• 5	•0	• •	•0	•0	•0	TRACE	11.7	12.5	56.7
63	10.8	11.2	1.6	• 7:	_ •0.	• 5	.0	•0.	. 0.	• ^	.0	2.3	20.6
64	≠ 6.5	5.6	6.0	TRACE	• 0	•6	.0	• 0	.0	TRACE	.0	¥ 13.7	* 31.8
65	15.6	18.3	5.4	1.0	C.	<u>.</u> .0		• 0.	.01	•^.	= 1	7.5	56.9
66	5.1	• 5	5.7x	TRACE,	•0	• 0	.0	• O×	• •0	• ^	11.5	8.4	₹ 33. 2
67	5.5	1.4	i.04	4.1	TRACE	•.)	.0	• O:	.0.	TRACES		6.3	* 18.5
68 .	23,24	11.2	7.4		TRACE	• 0	.0.	• 0	.0	•0	2,2	23.5	68.0
69	4.2	33.4	3.6		TRACE	•0	.0.	• 01	• O:	0	4.2	10.3	50.7
70 .	14.2	24.5	19.2		TRACE			•0	•0	TRACE	• 4	11.2	
71	1.2	1.5		TRACE	• 0	0	. 0.	• Oi	• O:	TRACE	3.8	.3:	20.1
72	7.9	.3	2.8	TRACE	TRACE	• 0	.0:	• 0:	• 0	• 1	4.6		15.7
73 :	1.8	23.6	2.4	8.2	• 0.	• 0	.0	• 0	0	TRACE	5.0	10.0	56.0
74	• 2	2.3	8.1	. 3	•1	• 0-	. 0	• 0	TRACE	4.0	2.3	7.3	24.0
75	.4	5	17.9	15.3	.1	THACE	.0	• 0	.0	.1	. 6	1.2	36.1
76	7.3	5.1	.7	. 7	•0	• 0	. 0	• 0!	• 0:	•0	TRACE	11.0	24 ∙ 8
77	21.0	. 2	2.0	1.9	• 0.	•0	.0	•0	• O:	<u> </u>	7.0	3.9	36.0
78	12.0	20.0			1	;	-						
					-	:			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			and the same	
MEAN		10.03	5.24	2.37		TRACE	•00	•00		.44	3.27	6,67	34.46
S. D.			5.827	3.655	.213	.000	.000	.000				5.877	
TOTAL OBS.	743	NOTE	743 * (BAS	718	734	690 HAN FU	713	744	706	744	719	742	8673

USAF ETAC PORM 0-88-5 (OLA)

41. 12. (. \$ 10.) 25 10. 30. (1) (414. (45.) (10.) (\$ 10.)

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF

COLUMN TO THE PERSON OF THE PE

3442°

HAHN AB/HUNSRUCK GERMANY

54-78

VEAGE

			AMOUNTS (INCHES)								PERCENT	CENT TOTAL		MONTHLY AMOUNTS				
PRECIP	NONE	TRACE	01	02 05	C9 .C	11. 25	26- 50	51-1 00	1 01 2 50	2 51 5 00	5 01 10 00	10 01-20 00	OVER 20 00	OF DAYS	NO i		(INCHES)	
SNOWFALL	NONE	TRACE	0104	C 5 1 4	1524	2534	3 5 4 4	4 5-6 4	6 5-10 4	10 5-15 4	15 5-25 4	25 5-50.4	OVER SO 4	MEASUR-	OF OBS	MEAN	GREATEST	LEAST
SNOW- DEPTH	NONE	TRACE	1	2	3	4.6	7-12	13-24	25 36	37-45	49 60	61 120	OVER 120	AMTS				
JAN	54.9	11.7	5.1	5.5	6.7	12.7	3.4			•				33.4	703		1	:
FEB	57.1	9.7	6.8	5.Z	1.9	9.4	7.9	1.9		:	,	:	1	33.2	617		*	:
MAR	75.5	9.8	4-3	2.9	2.4	2.6	1.3	1.5			,			14.7	682		!	
APR	96.1	3.3	ε.			.3								.6	690			
MAY	99.9	. 1.										·;	 	i	734		1	:
אטנ	100.0					,	,			:			:		712			!
JUL	100.0	;		;							Į.	1			735	•		
AUG	100.0			;	:						Ī			-	744		1	
SEP	100.0	!	;	:	1	,				1	! !				706		1	
ОСТ	99.3	.3	-4	4 Pho se	***************************************	:	Ī			-		 -		.4	744			
NOV	89.3	4.7	1.9	2.2	1.0	•7	- 1							6.0	685	•		!
DEC	64.2	11.7	7.2	4.7	3.8	7.0	1.3				-			24.0	682		1	
ANNUAL	86.4	4.3	2.2	1.7	EI	2.7	1.2	•3					T	9.4	8434		X	

1210 WS JUL 64 0-15-5 (OLI)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING RRANCH USAF/ETAC/OL A AIR MEATHER SERVICE/MAC

EXTREME VALUES

SMOW DEPTH

FROM DAILY OBSERVATIONS

34055

HAHM AR/HUMSRUCK GERMANY

<u> 54-75</u>

DAILY SNOW FPT - IN INCHES

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN.	JUL	AUG	SEP	oc:	NOV	DEC	ALL MONTHS
54	~~~		1	0	0	,	0	~	G		^	1	
55	3	22	21	0	0_		0_	0			*K*6F	1	22
>6	1	11	1	1	C	1	0	o	0	1	2	4	11
57	7	1	0	?	TRACE	2.	0_	0	0	^.	1	TRACE	7
56	5	4	3	1	0		Ō	7	0	٦.	0	3	ว
29	5	TRACE	0		_0_		0_	·	0_	_ ^_	0	l	>
60	6	5	TRACE	TRACE	C)	0	٥	0	^	0	10	l.,
51	6	_ 1	0		ð		0	<u>.</u>	0_	3	1	TRACE	
έ2	1	8	5	TRACE	C	1	0	0	e	,	7	4	٥
63	5	8	3	3	9	0	0	0	0	^	0		ú
54	* 0				e	2	0	0	0	7	0		
65	0			0	0	0	0	0	0	1	_		
66		0	0	0	^	7	0	Λ#	0	71	¢ 0	e	
e 7	0		0	0×		_ 0	0:	0	0		0	0	6
58	* 7 2	* 0	0	-	0	3	O	0	0	0	2	7	7
69	8	17	2	TRACE	0	0	0_	3 ,	0	ā	3		1 /
70	9	6	12	IRACE	× 0*	Ŋ÷	0	0	0	7	TRACE		14
71 .	_ 6	THACE	3	0.	0	G.	0_	0	0	🤈	3	TRACE	6
72	5	2	TRACE	Q.	0	0	0.	0	0	2	2	TRACE	٥ -
73	TRACE	8	4	TRACE	0	o	0	0,	0	Ō	4	7	_ 6
74	TRACE	1	2	0.	0	0	0.	0	0	1	TRICE	4.	4
75	0	TRACE	9	5 ,	0	<i>i</i>)	0:	0	0	9	0	TRACE	9
76	5	2	TRACE	TRACE	0	Э	Û	O.	0	<u> </u>	TRICE	4	
77 ;	7	TRACE.	2:	TRACE	0.	0	Oi	0.	0	ត		2 1	7
78 .	3,				-	•	1	,		1		= -	
				- - †	1			1				- Table	
# 12. C			A DATE MARKON		i	1				 i		. 3 2	
MEAN	4.0	5.0	3.1	. 3	TRACE	•0:	.0	•0	•0.		1.3	3.0	8.4
S D.		6.045	5.061	1.063	•000	.000	000	•000°	.000	.282		3.055	4.678
TOTAL OBS.	703	617:	682	690	734	712	735	744	706	744			8434

NOTE * (BASED ON LESS THAN FULL HONTHS)

USAF ETAC TOM 048-5 (OLA)

U S AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER

PART C

SURFACE WINDS

Presented in this part are various tabulations of surface winds as follows:

1. Extreme Values - Peak Gusts: Derived from daily observations and presented by individual year and month for the entire period of record available. Speeds are presented in knots, while directions are given in 16 compass points from the beginning of record through June 1968, and in tens of degrees starting in July 1968. The extreme is selected and printed from available peak gusts for each year-month, however an asterisk (*) is printed in the data block if less than 90% (3 or more missing observations) of the peak gusts are available for the month. An ALL MONTES value is presented when every month of the year has valid observations. Means and standard deviations are also computed when four or more values are present for any column. A total raw count of valid observations is presented for each month and ALL MONTES.

NOTE: According to Federal Meteorological Handbook No. 1 specifications (formerly Circular N), "peak gust data are recorded only at stations with continuous instantaneous wind-speed recorders."

2. Bivariate percentage frequency tabulations: Derived from hourly observations, these tabulations are a percentage frequency of wind directions to 16 compass points and calm by wind speeds (knots) in increments of Beaufort classifications. Percentages are shown by both directions and speed, and in addition the mean wind speed is given for each direction.

A separate category is provided on the form for variable winds, which are reported in some data sources. In these data where light and variable winds are reported with no directions but with speeds given, the speeds will be summarized in the appropriate groups opposite the column headed VRBL.

- a. Three tables are prepared for ALL WEATHER surface winds, all years combined, by: (1) Annual all hours combined, (2) By month all hours combined, and (3) By month by standard 3-hour groups.
- b. A separate annual table is also presented for surface winds meeting INSTRUMENT CLASS conditions as follows: Ceiling 200 through 1400 feet inclusive with visibility equal to or greater than 1/2 mile, and/or visibility 1/2 through 2-1/2 miles inclusive with ceiling equal to or greater than 200 feet.

NOTE: A percentage frequency of ".0" in these tables represents one or more occurrences amounting to less than ".05" percent.

* Values for means and standard deviations do not include measurements from incomplete months.

C - 1

SESSION OF THE SESSIO

DATA PROCESSING GRANCH USAF/ETAC/OL A AIR REATHER SERVICE/MAC

EXTREME VALUES

S RFACE HIRS

FROM DAILY DASERVATIONS

34055 STATION

HAHA AP (HUNSRUCK DERMANY

<u> 59-73</u>

+£ # #5

DAILY PEAK USTS IN KNOTS

MONTH EAR	JAN	FE	9 44	AR A	PQ ~	i. YAN		, v.:	AUG	SEP	QCT	NOV	DEC	MONTHS
9ر			SW	30₩	352	251	24=	26h	29 E	285	2° ز	28W	5 × 46	
00	<u> </u>	35¥5*	34W	30m	435 51	32S=	24251	8 23H	245×	24h4	h 31m	39W	<u>53</u>	*
c l	S #	3724	33¥	323	27₩	2955=	26₩	3054	i 324i	2955	* 3A	154-455	# 45	42H=
52	5+	4311	44SE	3775W	35 <u>% S</u> 2	31k	251	295	√ 33₩S	≡ 325 \$	* 245	E 24h	_ 9 خ	'77
03	SE *	34E5E	204	315	255=	224	Ó∃£	25⊯	*47¥	3258	254	5% 46E	SE 29	4
<u>04</u>	SE		30£5E			2555-	431		36H		× 515	- 44 W	5×41_	55 H *
0.5	S¥	44XN4	30WSW	31%SH	285≠	33h5#	34 ₅	#24 ₩	¥¥2 <u>7</u> 55	[#14	h	+475	SK 23	
06	K	4 5%	375W	515#	3145	1250W 3 a				*305 *			SX 39	<u>S#</u>
07	₩SĦ	34₩	56NW	40MNN	30≒	46h	6345	4 405	√ 29₩S	¥ 2445	₩ 515	315	b 41	સં
80				=445H					1 2929					NSW*
υ9	26/	3227/	3625/	3131*	3925	39207	2524/	5234	5/ 3027	/ 3028	/ 272	7/ 512	6/ 31	24/
70				3832/					7/ 3326					
71	21/	49261	4017/	3227/	31.241	3228/	3423/	3522	2/ 5313	/ 2724	/ 402	5/ 402	3/ 41	22/
72									3/ 2927					241
73	26/	27231	4734/	2624/	4311/	3522/	3025/	2726	5/ 3131	/ 3832	/ 352	7/ 383	2/ 39	23/
74	23/	47261	44231	30 4/	2824	2630/	3028/	/ 3625	5/ 3221	/ 3521	/ 377	1/ 412	5/ 42	23/
75									5/ 2525					741
76	25/	6512/	3028/	27 8/	2322	3026/	2728/	/ 3210	0/ 28 <u>2</u> 6	/ 2622	/ 222	1/ 462	4/ 30	25/_
77	24/	3424/	3832/	3031/	3922	3327/	3128/	2722	2/ 2327	/ 2424	/ 322	27 522	3/ 39	29/
		4512/			-									
	·												· · · · · · · · · · · · · · · · · · ·	
	<u> </u>		 -	÷				-	-				۶ <u> </u>	
 ;			- :						-			<u> </u>	10 mg 10 mg	
MEAN	39	.4 3	5.8 3	3,6 3	2.5	2.5	3.8	33.0	30.9	30.8	32.5	41.5	39.8	52
S D.			245 6.	483 5.	649 5	95512.		736 6	5.722 5	.032 7	.331		6.468	6.9
TOTAL OBS.	5	77	528	581	555	539	5331	537	555	526;	546	559	579 5	6ó

NOTES * (BASED ON LESS THAN FULL HONTHS)

A) \$ (BASED ON LESS THAN FULL HONTHS AND +100 KNOTS) USAF ETAC ACM 046-5 (OLA)

DATA PRICESSING PRANCH ETAC/USAF AIR LEATHER SERVICE/ 'AC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

34055 station	HANN AR / HL' SPUCK GERMANY	<u> </u>	TEARS	JAN MORTH
		CLUS CLUS		0000-0:00 Bound (1 S.T.)
		C0#217-0#		

SPEED KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	23 - 33	34 - 44	41 - 47	48 - 55	: ≥56	, •	MEAN WIND SPEED
н	ا ق ه	•1	•2-	• 2 .					-			1.2	7.l
NNE	. 3	. 5	.4	• 5 .				:	·			1.5	6.5
NE ,	ن و	1.0	ذ •	. 71				i				1.8	5.9
ENS	•1:	. 3	• 2.	• 6				1	Ī			1.3	9.5
E	. 2	e	1.2	.1					T			2.3	7.0
ESE	• 5	•6	1.1					,	!			3.2	7.3
SE	1.9	3.4	5.9	3.8	• 6	. 3			i		-	15.6	8.4
SSE	1.0	3.1		3.0	3				1		1	12.6	8.6
\$.4	1.2		., 2 i				!	Ī		-	3.1	5.4
ssw :	ا 3 و	5	• 5	1.1	1			!		-		2.6	9.5
sw -	؛ ځو	1.0	1.6	1.7	.4	. 2	• 2	į	T	1		5.7	10.6
wsw :	• 5	2.2	3.1	3.21	. 8		• 3	1	Ī			10.2	10.3
w	1.0	4.2	7.3	3.3	. 5		• 2	İ	1		:	15.7	9.1
WNW	5	1.7	1.0							_	:	1 4.2	5.1
NW I	. 2	_,3	. 3		1			<u> </u>		ŧ.		1.4	8.8
NNW	- 1	2						1			:	1 .3	3,3
VARBL	1.0	1.0	3.5	3.5			•1			1	:	9.1	9.0
CALM	$\geq <$	$\geq <$	><	$\geq <$	\geq				\geq			7.1	
	9.7	22.2	34.2	22.9	2.5	- • 0	•9	-				100.0	3.l

TOTAL NUMBER OF DESERVATIONS 930

DATA PROCESSING PRANCH ETAC/USAF AIR REATHER SERVICE/ 4AC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

34055	HAMM AF/HUNSPUCK GERMANY	49 - 73	JAI,
STATION	STATICA mamp	YUS	#047#
		L #F THE-	0300~0500
		2345	souts (L S T)
		104217.04	

SPEED (KNTS) DIR	1 - 3	4+5	7 - 10	11 - 16	17 - 21	22 - 27	78 - 33	34 - 40	41 - 47	48 - 55	≥\$6	•	MEAN WIND SPEED
м	5	.3	. 5	•1								1.7	5.l
NNE		.5	. '3	<u>د - </u>								1.6	7.9
NE.		<u>. 6 .</u>	. 4									1.5	7.7
ENE	.1	l.	• 1	• 👌								6	9.5
€ .	2	. 9	<u>ز .</u>					·				1.5	5.3
ESE	1.1	2.0	1.0	• 3								4.8	5.4
SE	1.2	٥.٥	B.1.	4.3:	.4			·				17.0	<u> </u>
SSE	1.3	3.0	4.7	2.7								12.4	
5	<u>. 3</u>	. 8	1.1	1.21					<u>. </u>			3.3	8.3
SSW	2	5	1.1.	1.7	<u></u>					<u>: </u>		3.7	
sw "	• 2	1.7.	1.4	1.2	3 '		<u> </u>	<u>:</u>	<u>i </u>	·		5.1	9.3
wsw	- 4	1.0	3.5.		_ <u>. 5 '</u>		<u> </u>	<u> </u>	<u> </u>			8.4	10.6
w	101	4.3	0.01					<u>: </u>		<u>: </u>		17.4	
WNW	1.1	1.3.	.9!	<u></u>			<u>i</u>	<u> </u>	<u>: </u>	<u>:</u>		3.5	
NW	? !	. 9:		• 4 :	. 2		<u> </u>	<u> </u>	<u>:</u>	<u>: </u>		2.4	3.5
NNW			<u>• 4 i</u>		!		<u>:</u>	<u> </u>		 _		-6	7.0
VARBL	1.2	9.	3.7!	2.7!	. 2	, لم	<u></u>	<u> </u>	<u>.</u>			8.7	9.5
CALM	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$		$\geq \leq$	\leq	$\geq \leq$	$\geq \leq$	5.7	
	9.9	22.0	35.3	23.5	2.8		.1	l				100.0	3.2

TOTAL NUMBER OF DESERVATIONS 930

JSAFETAC St. 44 G-8-5 (QL-A) PREVIOUS EDITIONS OF THIS FORM ARE CRECKET

DATA PRICESSING PRANCH ETACYUSAF AIR FEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

34055	HAHN AS/HUMSPUCK GERMANY	59-76		Jāiş
STATION	\$747×0+ #4#€	7(1)	12	99476
		ALL ELTHES		0080-0600
		CAN	·—	HOURS (Q.S.T.)

SPEED !KNTS! D.R	1 - 3	4 - 6	7.10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	•	MEAN CNIW ("392
N	-2	.3	Ó	• 3								1.5	7,9
NNE		. 3	<u> ز و</u>	• ¿								1.3	6.8
NE	_ • ¿	.5	. 9						· 			1.6	6.5
ENE	•1	.3	٠è	<u> د ۰</u>					1			1.0	5.3
Ę		.5	• 9	• 0				:				2.4	8.0
ESE	1.C	1.7	• *	1.0.					<u> </u>			. 3.1	6.5
<u> </u>		2.9	3.7	4.01	8.							17.9	9.3
SSE	1.0	2.7	<u> </u>	2.5	.3:		, 		•			10.4	<u>ε.0</u>
<u> </u>		1.7	1.6	1.21					<u> </u>		•	<u> 5.2</u>	
SSW	.4	.3,	1.0		• 2			:		:		3.3	9.9
sw	5	1.0	1.3	î.a.	, 4	- 2				<u>:</u>		5.3	10.2
W\$W	• 9	1.5	4.3		.4			;	;			8.9	9.3
w	[.3	4.0	6.2	3.9	.4			i				16.0	5.3
WNW	•4:	1.1	1.6	.4					<u>. </u>			3.6	7.3
NW .	.4	1.0	. 5 :	. 2 .				:	1	i	1	2.3	6.9
NNW .	li	1	. 3 :		.1			1	1		:	•6	9.3
VARSL	9	1.3	3.7	2.7	. 2				1	1	!	8.7	9.2
CALM	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$		$\geq \leq$		$\geq \leq$	5.0	
Table 1	9.7	21.7	35.6	23.3	3.0	8						100.0	

TOTAL NUMBER OF OBSERVATIONS

USAFETAC AND 0 3-5 (OL-A) PREVIOUS EDITIONS OF THES FORM AND OBSOLET

DATA PROCESSING PRANCH ETAC/USAF AIR MEANHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

34055 STATION	HAH	V3/H04	SRUCK (Υ		54-	·75	 ,	YEARS				AN
							THE						0900	-1100
						•								,,,,,
		 -	, , , , , , , , , , , , , , , , , , ,			COM	IDITION							
r	· · · · · · · · · · · · · · · · · · ·					.···	,				· · · · · · · · · · · · · · · · · · ·			
	SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	**	MEAN WIND SPEED
Ì	N.	ِ <u>ئ</u> ۆ.	8	• 8	•1				1				1.9	6.7
	NNE	• 2	• 4 '	• 2									• 9	5.0
	NE		.5	• 1	• 3								1.3	6.7
[ENE	. خ	.4	.31	• ?		Ī				;		1.5	6.1
[E	.9	.3	• 5	• 13					1			2.6	7.3
													4.0	7.2

NNE	• 2	.4	• 2						1	i	ì	• 9	5 • G
NE		.5	• 1	• 3						1		1.3	6.7
ENE	. خ	. 4	.31	• ?						,		1.5	6.1
E	. 9	.3	• 5	• 8					1		T .	2.6	7.3
ESF	.21	2.0		6.6				!	i		Ī	4.0	7.2
	1.1	3.8		6.0	. 3	1				1	1	18.6	9.0
غرد ا	. 5:	2.9	4.1	2.5	. 8					I		11.0	8.9
S	• 3	8.	1.1	1.1	. 2						i	3.4	9.4
ssw	.2	• 2	• 4	1.3	.1					ļ	1	2.3	11.4
sw.	. 3	. 3		1.7	.4	2				1		5.8	10.6
wsw	• h:	.9	3.9	2.0	8•						1	8.8	9.8
w	2.2	3.1	7.5	4.1	.4	• i				T		17.4	8.7
WNW	.6	1.8	• 9	• 3						!	1	3.7	5.8
NW	. 2	• 3	•9	. 3						i	1	1.7	7.9
NNW	2.		•2	٠2						ì	T	•6	7.5
VARBL	1.3	2.2	3.8	3.2	,6	• 1			I	T		11.2	9.3
CALM		$\geq \leq$	><	\geq	\geq	\geq	\times		\geq			3.3	
	10.4	21.2	35.4	25,5	3.7	. 5						100.0	8 • 5

TOTAL NUMBER OF OBSERVATIONS

UATA PRUCESSING ARAGEM ETÀC/USAF AIR -LATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

34055	HAHN AR/HU"SRUCK GERMANY	49 - 78		JA3
STATION	STATION NAME		YEARS	MONTH
		ALL WELTHER		1200-1400
		CLASS		HOURS (L S T.)
		CONDITION		

SPEED (KNTS) DIR.	1.3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	, 5	1.0	. 4				:				,	2.4	5.2
NNE	• 5	.4	. 3				1		1	1		1.1	5.0
NE .	•1	. 1	•1				!	1				. 4	6.5
ENE.	- 2	.3	• 2	• 4	• 1		· · · · · · · · · · · · · · · · · · ·					1.3	3.3
E	. t	• 1	• 5	٥.			1					2.4	7,5
ESE	1.0	.6	1.6	•9	• 1		!					4.2	7.9
SE	1.0	3.2	7.5	4.7	,4	<u>ۇ.</u> •	1	!	1	i -		17.2	9.3
SSE	. 4 1	2.0	4.0	1.9	• 9	• 1	1					9.4	9.3
S	.4	• 6	1.3	• 9		• 1				i		3.3	8.8
SSW	•1	• 6	• 4	1.5	• 2							2.9	10.7
sw	• 4	1.2	2.8	2.7	1.0		I			i T		8.1	10.5
wsw	ا ق .	• ઇ	2.4	3.0	.4				1			7.2	11.1
w	2.2	2.3	ۥ5	3.8	.2							16.9	2.5
WNW	. 8	1.3	1.9	• 5								4.3	6.8
NW	• 2	8.	1.4	• 6								3.0	8.3
NNW		.3	• 5									• • •	7.0
VARBL	1.7	2.3	3.6	2.8	1.1	. 4		Ī. —		i i		12.0	9.4
CALM	$\supset \subset$	> <	><	><	> <	><						3.1	
	10.0	18.0	38.0	24.6	4.4	1.3						100.0	8.7

TOTAL NUMBER OF OBSERVATIONS

930

DATA PRUCESSING PRANCH ETÁC/USAF AIR "EATHER SERVICE/"AC

> VARBL CALM

3

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

34055 STATION	HAHR	AP/HU!	SPUCK STATION	GERMAN	Υ			78		EARS			<u> </u>	AY
•••••						ALL ni	a THE :		·					-1700
						CI	ASS						Hoves	(LST)
		_				co*	DITION							
														
	SPEED (KNTS) DIR,	1 - 3	4.6	7 - 10	11 - 16	17 - 2"	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	. •	MEAN WIND SPEED
	N		.4	• 0	• 2								1.3	7.8
	NNE	• 4	. 8	• 2					1				1.4	4.5
	NE .	. 5	.5	• 2 !	• 2				i	į		1	1.5	5.4
	ENE	• 2	•21	• 0	• 3								1.4	7.7
	Ε	. 2	8	1.3	• 3				T	†			2.6	
	ESE	•5	8 .	1.1	• 5	. 2					,		3.3	8 • 5
	SE	l.u	4.2	6.61	5.1	. 8			Ī		:		17.5	
	SSE	1.4		3.8	3.1	3			Ī ———	I	1		10.8	3.5
	S	• ♂	1.1	1.6	• 4				!	i	,		3.9	6.4
	SSW	•2	•5	1.2	1.8	, 3							4.1	10.6
	SW	• 3	1.6	3.1	1.9	, 4					i		7.4	9.7
	wsw	.3	2.0	2.5	1.9	,2							7.0	8.8
	w	1.2	4.2	5.4	3.1	. 4				Ī			14.3	8.3
	WNW	1.0	2.3	2.2	2		. 3						5.9	7.1
	NW	. 2	1.1	.5	• 4								2.3	6.9
	NINW	1	2	1	1									4 2

TOTAL NUMBER OF OBSERVATIONS

DATA PROCESSING PRAYCH ETAC/USAF AIP YEATHER SERVICE/MAC

HAHN AR / HUST SPUCK GERMANY

SURFACE WINDS

TOTAL NUMBER OF OBSERVATIONS

930

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

					Cī	ASS						Mout
					CON	DITION						
SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	43 - 55	≥!.6	***
N	• 2	- 2	• 2 :	•>						,		1.2
NNE	ۇ	.3		• 6								•9
NE	.4	.9	. 4	• 3								2.0
ENE	•4	•2	•5	• 2	• 1					!		1.5
E	• 3	• 8	1.6	• 1						1 1		2.3
ESE	5	• 6	1.0	• t)	• 2							3.0
SE	1.1	3.71	6.3	4.13	. 6	• .			<u></u>			16.8
SSE	2.0	1.5	5.5	2.7	2				<u> </u>	<u> </u>		11.9
5	. 4	1.3	1.0	٠ ن					<u> </u>	!	~	4.2
ssw		1.0	•9	1.1	,3	.4			ļ			3.7
sw	.3	1.3	2.2	1.6	. 4				<u> </u>			5.9
wsw	•6	2.2	3.2		.5				<u> </u>	<u> </u>		8.9
w	1.1	4.5	7.2	3.3	. 4				<u> </u>	 		16.6
WNW	9	1.7	2.5	3	. 2				<u> </u>	 		5.6
NW		.4	•4						 	 		1.0
NNW									} -	!		
VARBL	1.4	- • 4	3.5	3.4	5	زم	لِعل					7.8
CALM		$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$			$\geq \leq$	4.3
į	10.2	21.1	37.1	22.3	3.7	1.2	. 2		1			100.0

INDS

JA 74 NONTH DO-2000 DURS (L S T.)

#FAN WIND SPEED

| 3.5 | 5.0 | 6.1 | 7.6 | 6.7 | 8.4 | 9.3 | 8.3 | 7.7 | 11.5 | 9.4 | 9.3 | 8.4 | 7.1 | 6.3 | 5.0 | 10.3 |

930

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DATA PROCESSING MEANCH ETÁC/USAF AIR REATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

34055 HAHR AF/UUNSRUCK GERMANY 59-78

ALL AFATHEA

CONDITION

CONDITION

JAH

2100-2300

ROURS (LST)

SPEED (KNTS)	1.3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	. %	MEAN WIND SPEED
N	• 1	. 2	•9	• •				1	·	!		1.3	8.0
NNE	٠Ž	.5		•1	.1							1.0	7.2
NE	• 2	. 4	• 3	• 2 .								1.2	7.1
ENE	ار ا	. 4		• 6						Į.		1.7	7.3
E	• 2	1.1	1.0	- 1								2.4	6.4
ESE	1.5	1.1	• 8	•6				i	İ			4.0	5.7
SE	1.0	3.9	7.1	5.3	. 3	<u>.</u> .			i			18.8	8.6
SSE	• 9	2.0	3.9	2.0	. 3		i			1		9.7	8.5
S ;	• 2	. 8	1.4	1.5				1				4.0	9.1
ssw	. 2 و	.5	1.1	1.1	. 1	• 1	•1	ļ	!	Í		3,2	10.3
sw	• 4	1.4	2.41	1.6	6	- 2		<u> </u>	<u> </u>	<u> </u>		6,9	10.0
wsw	اغ ور	1.8	3.5	_2.5	. 6							9.7	10.4
w	1.0	5.5	6.9	2.8	2		L	<u>i</u> _	!			17.0	7.6
WNW	, 4	2.0	. 9	ر د و	1							4.0	7.3
NW	• 2	.4	. 8	•1			L	<u></u>		l		1.5	6.6
NNW		1					L						4.0
VARBL	1.0	1.8	3.1	2.8				<u> </u>				9.5	8.4
CALM	><	><	><	$\geq \leq$	><	$\geq <$					><	4.2	
	10.5	24.1	34.5	22.0	2.7	1.0	,3					100.0	8.2

TOTAL NUMBER OF OBSERVATIONS 930

DATA PRUCESSING BRANCH ETAC/USAF AIR REATHER SERVICE/ AC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

34055	HAHE AR / HUNSPUCK GERMANY	z9 - 78	JAil
STATION	STATION NAME	TEARS	MONTH
	AL	L ACATHER	ALL
		CLASS	HOURS (LST)
		CONDITION	

SPEED (KNTS) DIR,	1-3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33 :	34 - 40	41 - 47	48 - 55	≥56	., %	MEAN WIND SPEED
N	, 3	, 4	. 6	• 6			,					1.6	5.9
NNE	٠٤	.5		• 2	.0							1.2	5.2
NE	. 3 '		• 3	• 2								1.4	6.4
ENE	. 3	_, 3	• 4	د و	.0		!				-	1.3	7.8
ξ	. 4	.6	1.0	.4					·	;		7.4	7.1
ESE '			1.0	• 8	.1		!					3.8	7.2
SE	1.2	3.5	7.2	4.9		- 4.1		<u> </u>		!		17.4	9.0
SSE	1.2	2.4	4.3	2.7	. 4		! !			:		11.0	8.5
S	• 4	1.0		, 9	. 9	(نە					i	3.8	8.0
SSW	. 2	.5	3•	1.4			. G	<u> </u>	1	<u> </u>		3.2	10.5
\$w :	. 4	1.2	2.1	1.8	.5		٠١		<u> </u>		l	6.3	10.2
wsw	, 0	1.5	3.3	2.4	.6		ei					8.6	9.9
w	1.4	4.0	7.0	3.6	.4		.0			<u> </u>	i	16.5	8.6
WNW	. 7	1.7	1.5	• 3	.0	0			L	<u> </u>		4.3	6.7
NW I		.6	•7	• 3	1						!	1.9	7.6
NNW	•1	.1	•2	•0	.0			<u> </u>		!	<u> </u>	. 5	6.8
VARBL	1.3	1.5	3.5	3.0	.5	.1	•0				i	9.8	9.4
CALM	\geq	><		><	\times	><		$\triangleright <$				4.9	
	10.1	21.9	35.5	23.4	3.3	8	• 2					100.0	8.3

TOTAL NUMBER OF OBSERVATIONS

7438

DATA PROCESSING PRANCH ETAC/USAF AIR MEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

34055	HAHN AF/HUNSRUCK GERMANY	59-78		FEB
STATION	STATION NAME		YEARS	MONTH
	AL	L WE THEK		0000-0200
		CLASS		HOURS (L S T.)
		CONDITION		

SPEED (KNTS) DIR.	1.3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 · 55	≥56	. %	MEAN WIND SPEED
N		1.2	. 9	• 4						!		3.4	5.9
NNE	•5	.9	1.1	ا ۋ •						1		3.0	7.0
NE	• 2 .	1.2	1.5	• 2								3.2	6.7
ENE		1.3	1.3	• 4					I			3.2	7.1
Ε	. 5	.7	1.2	• 9	,i					!		3.4	8.5
ESE '		2.1	1.5	1.4	.1			<u> </u>	i		<u> </u>	6.4	7.5
SE	•8∶	4.0	7.7	3.4	• 2				ļ	i		16.2	8.4
SSE	•9	2.5	3.1	• 9					<u> </u>			7.4	7.3
S	. 5	.7	•7	• £	.1		:		<u></u>			2.8	8.5
SSW	1	.4	1.1	• 7			:		<u> </u>		!	2.2	9.2
SW :	• 2	.6	1.4	1.4	. 5		İ	1		<u> </u>		4.4	11.3
wsw .	• 61	1.1	2.0	2.1	4			!		1	<u> </u>	6.6	10.0
w:	1.2	5.7	7.3	3.7	1.2	<u> </u>	.4	<u> </u>	<u></u>	<u> </u>		19.4	8.9
WNW	•6,	1.7	1.8	.4			<u> </u>					4.4	5.8
NW :		.6	•7	• 1	1			<u> </u>	<u> </u>			2.2	6.4
NNW !	•2	.4	• 5	• 1			<u> </u>	<u> </u>			<u> </u>	1.2	6.7
VAREL	• 8	.7	1.1	1.5	.4					L		4.5	9.0
CALM	$\geq \leq$	$\geq \leq$	><	><	><	$\geq \leq$				$\geq \leq$		6.0	
	10.5	25.7	34.9	19.0	3.1	. 5	.4					100.0	7.8

TOTAL NUMBER OF OBSERVATIONS 846

DATA PROCESSING PRANCH ETAC/USAF AIR EATHER SERVICE/ 4AC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

34055	HAHN AF/HUNSRUCK GRMANY	~ 2 ~7 8		FEB
STAT-ON	STATION NAME		YEARS	MONTH
	å	LL wasthan		0300-0500
		CLASS		HOURS (L.S T.)
		CONDITION		

SPEED (KNTS) DIR	. 1-3	4 - 6	7 - 10	11 - 16	i 17 - 21	22 - 27	28 - 33	; ; 34 - 40	41 - 47	48 - 55	, 3	*	MEAN WIND SPEED
N	1.1	1.1	• 5	• 6:	.1							3.3	5.5
NNE	• 2	1.2	3.1	• 5	l .			4	1			3.9	7.4
NE	• 4 !	1,4	1.1	• ¿					<u> </u>			3.1	5.7
ENE	•4.	.4:	• 9	• 6								1.9	7.3
Ε	• 7	.9	1.4	• 5	.4.					1		4.0	7.9
ESE	1.2	2.1	1.5	1.9	• 2				1	1	1	7.0	7.7
SE	1.2	2.5	6.7	2.7					i			13.1	8.2
5\$£	•2	1.7	4.4	2.0								8.3	8.0
_s	• 1	.7	. 0	• > :]		1		1.9	8.1
ssw	• 5		1.1	• 0					<u> </u>			2.2	8.7
sw	• 1	.6	1.2	1.4	, 2							3.5	10.2
wsw	• 2	1.2	2.6	2.5	.5	.1				i		7.1	10.4
w	2.7	4.0	5.8		1,1	• 2			1			18.0	3.6
WNW	1.31	1.1	2.0	•7	.2!					<u> </u>	1	5.3	7.2
NW	.01	. 8	8	•6					<u> </u>		1	3.0	7.6
NNW	•2	• 2	•0	•2					<u> </u>			1.3	7.0
VARBL	1.1	1.1	2.0	1.7	.1	.1						5.0	9.0
CALM	$\geq <$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	\times					7.1	
	12.2	21.0	35.0	21.2	3.6	. 2						100.0	7.7

TOTAL NUMBER OF OBSERVATIONS 84

UATA FRUCESSING RRANCH ETAC/USAF AIR REATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

34055 STATION	<u> ИНДН</u>	Vr\∺^,	SPJCK STATION		Y		3.4	78		F15.				
		_				all at	LTHE X							-0800
						con	ROLTIO							
	SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	. 41 47	48 - 55	≥56	*	MEAN WIND SPEED
Ė	NNE .	1.3	1.1	1.5	•1	.4			1	<u> </u>			4.4	6.5 7.0

EPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 47	48 - 55	≥56		MEAN WIND SPEED
N	1.3	1.1	1.5	•1	. 4		-	i	-			4.4	6.5
NNE		.7	2,4	• 4				-	1			4.0	7.0
NE		.6	1.4	• 4			•					2.4	8.1
ENE	.7	•5	. 7	• ?					į			2.1	5.3
E	• 5	1.3	1.3	ز و ا	.2		•		\$			5.0	7.9
ESE	• 9	2.1	1.1	2.,	.4			1				4 5.5	8.0
SE	1.7	2.8	5.9.	4.0				1	1			15.0	8.4
SSE	. 9	2.1	4.7	1.5			!		:			9.3	7.6
5	٠ć	.9	. 9	.41	.1			<u> </u>	<u> </u>	•	<u> </u>	2.5	7.5
ssw	<u>. • i .</u>	. 4	_ 6 •	+6			1	<u> </u>	;			1 1.9	3.5
sw	• 1	1.2	1.3				1	<u> </u>			·	7 3.9	9.2
wsw	<u> </u>	1.2	2.0		.4		i	<u> </u>	<u> </u>		:	4 5.8	8.7
w	.5	3.1	6.9		.7	- 2	!	<u>!</u>	!	:		14.8	9.1
WWW	1.1:	1.2	2.4	1.2	.2	<u> </u>	<u> </u>	<u>!</u> _		:		5.0	8.2
NW_	.4	.7	1.1	•51				<u>!</u>	1	1		2.6	7.5
мим	•1	!	.41				<u> </u>	<u>!</u>	<u>!</u>			1.1	11-1
VARBL	. 6	1.1	2.2	2.0	. 4	لمعت	<u> </u>	<u> </u>	<u> </u>		:	6.6	9.2
CALM		$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	\times	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	6.0	
	11.3	20.9	37.6	20.8	3.0	. 4						100.0	7,8

TOTAL NUMBER OF OBSERVATIONS

845

CATA PROCESSING TRANCH ETACHCSAF AIR REATHER SERVICEMAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AIND SPEED (FROM HOURLY OBSERVATIONS)

34355 STATION	HAHN AR / HUTSRUCK DERMANY	<u>~.4-78</u>	TEARS	FE;
BIATICA	STATION NAME		14463	0900+1100
		CLASS		HOURS (L.S.T.)
		COND.TION		

SPEED (KNTS) DIR	* - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥50	* *	MEAN WIND SPEED
N	. 7	1.5	1.5	• 4	. 4				•			4.7	7.7
NNE	٠Ž	• 9	2.1	• 4								3.7	7.5
NE		. ف	1.2	<u> </u>				:	· ————			2.6	3 • ₹
ENE		. 5	1.3	• 5				i	<u>. </u>			2.7	ç.3
E	<u>l</u>	• 5	2.2	1.2	• 4			<u> </u>	1		<u>. </u>	4.4	10.2
ESE	1.1	2.1.	1.0	2.5	.5			!	,	<u></u>		7.8	9.1
SE	1.4	4.1	5.7 .	4.4!	<u>.1</u>			<u>:</u>	<u>!</u>	!	i	15.9	3.5
SSE	•3	1.5	3.8				: 	·	<u> </u>	<u> </u>	<u></u> -	7.2	3.1
5	<u>: ••</u>	.7	1.3.	• 9	1			<u>:</u>	!		1	3.4	9.1
ssw	• • • •	. 1	•> ,	•7.				<u>:</u>	<u> </u>	<u> </u>	<u> </u>	1.5	11.2
sw	4		2.2	2.4	.1			<u> </u>	<u> </u>	<u> </u>	<u>!</u>	4.8	11.7
wsw	. 7	1.1	1.5:	1.2	.6			<u> </u>	!	<u> </u>	<u> </u>	5.4	9.3
w		4.5	5.2:	3.2	.2			<u> </u>	<u> </u>	<u> </u>	<u>i</u>	13.7	8.7
WNW	4:	1.4:	1.0	1.3	!		<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	4.8	8.4
NW	.4	. 9	•9 :		.1			<u> </u>			1	2.7	8.0
мии	1 .11	. 5	. 0	• 4				:	<u> </u>	: 	<u>!</u>	1.5	3.1
VARSL	. 1.9	2.1	2.8	3.0	.7			L		;		10.0	9.2
CALM		$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$			$\geq \leq$	$\geq \leq$	1.9	الن مساوي
	8,3	23.2	37.9	25.1	3.2	- 5	<u></u>		<u> </u>			100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 846

DATA PROCESSING TRANCH ETACYUSAF AIR VEATHER SERVICEY NO

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

34055	HAHN 47/45750CN GERMAYY	5°7 − 7\$	F&ô
STATION	STATION HAME	7(18)	*0*7#
	».	i mining	1200-1400
		CLASS	HOURS (L S T)
		CONDITION	

SPEED (KNTS) DIR,	1 - 3	4 - 6	7 - 10	11 - 15	17 - 2:	22 - 27	283	34 - 40	41 - 47	43 - 55	≥56	*	MEAN WIND SPEED
N	.7	1.7	2 • i	• 7						 		5.2	7.1
NNS	٤.	• 9	2.0	• 0								4.5	7.3
NE		•4	1.5	• 4								2.1	8 • l
ENE	• 1	•1	2,4	•0			_	-				3.2	9.1
Ε	• 4	• 0	1.2	• 9 :	.1.							3.2	9.3
ESE	• 5	2.4	3.0	1.0	.6	1						8.4	8.7
SE	•5	3.4	7.0	3.2	.21							14.3	8.6
SSE	•1	2.0	3,2	1.4	.1		•					5.9	8.3
\$	• 2	.5	•5	• <u>6</u> :	-1		:		:			2.2	10.3
SSW	. • l	, ق	• 2	• 7	.2!		,		-			1.8	10.2
SW		.4:	• 7	i.7	, 4				,	i		3.1	12.0
wsw -	•11	1.2	2.8	2.0	,7!		i	:				7.4	10.5
W ;	1.1	3.3	6.5		•0		i	:	;	1		14.3	8.9
WNW	.71	â.	1.7					1				4.5	8.9
NW :	•1	1.2	•9	_ • 0				-	-	Ī		2.8	7.4
NNW	-41	.5	1.1:	• â	.1					;		2.3	9.0
VARSL	.91	2.4	3.8						-	!		10.8	9.2
CALM	$\geq \leq$	$\geq \leq$	$\geq \leq$		$\geq \leq$	$\geq \leq$	\geq	$\geq \leq$		\geq	$\geq \leq$	1.9	
1	7.1	22.1	40.5	24.2	3.9	2						190.9	8.7

TOTAL NUMBER OF OBSERVATIONS

USAFETAC FORM G-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

JATA PRUCESSING PRANCH ETAC/USAF AIR REATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

34055	HANN AR / HU'S PUCK GERMA IY	7ē	F£3
STATION	STATION NAME	YEARS	woets
	ALL	ต่ี ู่เรียร์≼ุ	1500-1700
		CLASS	HOURS (L.S T.)
		COMPLETION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	25 - 33	34 - 40	† † 41 - 47	48 - 55	≥56	•	MEAN WIND SPEED
N	• 7	2.2	1.8	•6								5.3	6.5
NNE	• 5	1.4	1.4	•2	,							3.7	6.3
NE	•1	1.7	2.0	•5						7		4.3	7.1
ENE		•2	1.7	+5				!	1			2.4	_8.9
€ .	. 4	. 3	1.5	1.6								3.9	8.9
ESE	.7	1.7	2.0	۱۰۷	-5				:		•	6.6	_5 • 5
SE	1.9	3.4	7.1	1.4	. 4				ı	į.		14.2	7.3
SSE	•7	1.7	3.5	1			:	:		ì	1	7.3	7.9
s :	. 5	. 6	• 9	1.1					1	<u>:</u>		1 3.1	5.5
SSW	- 1	•1	• ರ	•7	.2			1	1		:	3 2.0	10.3
SW 4		• 7	1.2	1.1	.2	.4	1	1		!		3.5	11.5
wsw :	. 2	1,5	1.7	2.5				!]		6.3	9.8
w	1.1	4.3	5.8		.5							14.9	8.5
WNW -	.5	1.8	1.2	.7						Ĭ	T	4.3	7.2
NW		.9	1.5	•9							1	3.5	9.0
NNW .	,5	.5	. 4							1		1 1.4	5.2
VARBL	ءَ ف	1.7	3.9	2.5	. 2			Ī				9.1	R.7
CALM	><	$\geq <$	$\geq <$	$\geq <$	$\geq \leq$	$\geq \leq$	\geq		\geq	\geq	\geq	4.3	
3	8.9	25.2	39.0	20.0	2.1	6		1				100.0	7.9

TOTAL NUMBER OF OBSERVATIONS

USAFETAC $\frac{\text{FORM}}{\text{JR. At}}$ 0-8-5 (GL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

JATA PROCESSING RRANCH ETÁC/USAF AIR JEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

34€5 ⁵	HAMM, AR/HUMSPUCK GERMANY	59 - 78		F£o
\$"ATION	\$"ATION NAME		16752	#047#
	غال ا	i ∌[_₹ п -қ		1300-2000
		ದುಚ		HOURS (EST.)
		Charleton		

SPEED KNTS DIR	1 3	4 - 3	7 - 10	11 - 15	17 - 21	22 - 27	28 - 23	34 - 40	41 - 47	43 - 55	≥ 56	*	MEAN WIND SPEED
N	1.2	1.1	1.1									3.5	5.2
NNE	• 1	1.9	1.2									3.2	6 • 3
∿£	. 4	1.9	1.5	• 4								4.1	6.8
ENE	• 4	• 7	1.4	• 2								2.6	7.5
£		1.7	1.5	• 4	. 4							4.8	ξ.3
ESE	1.5	2.2	1.5	. 7	٠, ک							5.5	5.5
SE	1.6	3.7	5.8	3.,								14.2	7.3
SSE	• 0	2,5	2.1	2.1					<u> </u>			7,3	7.9
S	1.1	1.1	1.5	• 7								4.4	6.4
ssw	•.2	1.1	٤.	• 0								3.3	9.7
sw	• 2	i.l.	1.i		. 2	- 4						3.5	10.2
wsw	• 1	1.1	1.9	1.4	5	2						5.2	10.5
w	1.2	4.6	4.5	4.1	.6							15.0	8.5
WNW	•7.	2.0.	1.8	• 7	. 1		<u> </u>					5.3.	6.9
NW.	, .c.	1.4.	•7	- • ₫						T		3.5	6.9
WNN	.5	.2	• 4	•1				: _	1			1.2	5.5
VARBL	. 9!	. 9		1.5						ŧ		5.8	8.5
CALM		$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq <$	\geq	\geq		$\geq \leq$	$\geq <$	5.4	
	12.1	29.1	31.1	18.3	2.2	. 0						100.0	7.3

TOTAL NUMBER OF OBSERVATIONS 845

USAFETAC FORM 9-8-5 (OL-A) PREVIOUS ISTRIBUS OF THIS FORM ARE DESCRIP

4

MATA PROCESSING ARACH ETACHUSAF AIR EATHER SERVICEHTAN

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

34055	Hafte 44/40 SPUCK GERMANY		FEs
STATION	STATION WARF	7:4	#0 474
	ALL	ar _This	2100-2300
		rus .	BOURS (L.S.T.)
		C2+317-\$4	

SPSED KNTS DIR	1 - 3	4 6	7 - 10	11 - 16	17 - 21	22 - 25	28 - 33	34 - 40	41 - 47	43 55	≥ 56	•	MEAN WIND SPEED
N	, 7		• 9	• • 2								3.4	<u> </u>
NNE	• 4	1.2	• 9	•1								2.5	5.7
NE	• 2	1.8	1.5	4 44								3,9	7.2
ENE	• 2	1.3	2.1	• 2								3.9	7.0
Ę	1.4	.3	1.1	1.2	,5							5.0	3.2
ESE	1.1	2.0	1.7	1.3								5.0	7.4
SE	. 4	3,3	6.4	4.0	• 2							14.3	a,7
322	1.3	2.7	2.5	1.3								3.3	7.5
5	• 7	. 9	• 7	•9	• 2							3.5	5.1
SSW -		.5	• 5	• •	+2							2.4	9.0
SW .	• 2	1.5	1.3	1.7	2 !		1					3.4	
wsw	• 2	.9	1.0	1.1	.2		:	•				1 4.4	
W s	1.5	4.7	6+3	4.6	.7.	- 5	:	,		:		18.3	
WNW	• 6	1.8	.9					1	:			3.8	6.3
NW	4		• ŝ	• 2			i	:		,		1.9	7.1
NNW	.1.	•2					1	i	·			. 4	4.0
VASEL !	.6.		2.4	1.5		- 1		!	:			5.3	9.5
CALM 5	\geq	$\geq \leq$	$\geq \leq$		\geq	\geq	\geq	\geq	\geq	> <	$\geq \leq$	7.2	
	10.3	26.2	32.2	20.5	2.4	1.3	•1	Ī		: !		100.0	7.7

TOTAL NUMBER OF CREENVATIONS

UATA PRUCESSING PRANCH ETAC/USAF AIR PEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

34055	HAHR ARTHURSPUCK GERMANY	57 - 78		F£ij
HOITATE	STATION MAME		YEARS	HONTH
	_ AL	L KEATHER	_	_ <u> </u>
		CLASS		HOURS (L S T)
		CONDITION		

SPEED (KNTS) DIR	1-3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	***	MEAN WIND SPEED
И	• 7	1.4	ز و ا	. 4	.1			;				4.2	6.5
NNE	• 4	i.2:	1.0	• 4	.0							3.6	7.0
NE	• 2	1.2	1.5	• 4			<u> </u>	1				3.2	7.3
ENE	• 2	٠.	1.5	• 4								2.7	7.8
E	•0	. 9	1.4	1.0	. 3							4.2	8.6
ESE ;	1.1	2.1	1.6	1.6	. 3	_ • 0	i					5.9	6.0
\$E ;	1.2	3,4	6.7	3.3	.1	• 0	i			1	1	14.8	8.2
\$SE i	.7	2.1	3.4	1.0	0,							7.8	7.9
S	. 5	6.	• 9	• 8	. 1		1	1		ı		3.0	8.2
ssw ,	• 2	. 4	• 8	•7	<u> </u>					1		2.2	9.6
sw	• 1	.3	1.0	1.4	.3	٠, ١	•0	<u> </u>	<u> </u>			4.0	10.8
wsw	. 4	1.2	2.2	100			<u> </u>	! 		<u> </u>		6.0	9.9
W	1.3	4.3	6.0	3.7	.7		•0	<u> </u>	i	<u></u>		16.1	8.8
WNW	<u> </u>	1.5	1.7	• 8	. 1					<u> </u>		4.8	7.5
NW	.4	•9	. 9	. 3	.0	.0				<u></u>		2.8	7.6
NNW	. 3	. 3	• 5	• 3	<u>. c</u>		<u> </u>	<u></u>				1.4	7.6
VARBL	. 9	1.3	2.6	2.2	. 3		L		Ĺ	Ĺ		7.3	7.0
CALM	$\geq \leq$	$\geq \leq$	><	$\geq \leq$	$>\leq$	><					$\geq \leq$	5.1	
	10.1	24.2	36.0	21-1	2.9	. 6	•1					100.0	8.0

TOTAL NUMBER OF OBSERVATIONS 6768

USAFETAC $_{
m JUL~64}^{
m FORM}$ 0-9-5 (OL-4) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

JATA PRECESSING PRANCH ETAC/USAF AIR EATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

34055 STATION	HANN ASTIC SPUCK GERMANY	59-77	MA _K
BIATIOR	ALL #	TEATH CLASS	0000-0200
		holtica	

SPEED (KNTS) DIR	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	. 34 - 40	41 - 47	48 - 55	≥ 56	* ** ** ** ** ** ** ** ** ** ** ** ** *	MEAN WIND SPEED
N	1.i	1.9	1.0	• >					!			4.5	5.9
NNE	٠5	1.3	• 9	• 4								3.1	5.3
NE	.4	1.8	2.5		. 2				I	1		5.2	7.2
ENE	• 5 :	1.3	1.3	ز •						i		3.5	6.5
E	.9	1.7	1.8	1.1	.1					1	ı I	5.6	7.6
ESE	1.6	2.7	1.0	1.1	.1	• 2				!	1	7.5	7.1
SE	3.91	3.5	2.5				1			1 2		11.1	5.5
SSE	1.7	2.2	2.6]			<u> </u>		6.0	5.5
5	• 6	. 8	• 5	. 4					i]	! _	1.9	7.4
SSW	1	.5	1.1	.4	.1							2.2	8.9
sw	•4	1.8	1.6	1.5	.1							5.5	8.3
wsw	• 5	2.0	2.7	1.2	.3						i	7.0	8.0
w	1.7	5.5	6+5	2.2	.6						1	16.8	7.5
WNW	il • 5 !	i.1	1.3	• 3				 		Γ –		3.4	6.0
NW	. 5	1.2	•6	• 3					1			2.9	5.7
WNN	•2	.9		i						 		3 1.1	4.5
VARBL	1.7	•4	• 9	8.	.1			i	1	ī	i	3.9	6.5
CALM		> <	> <		> <	><	\supset					9.8	
	17.3	30.6	29.2	12.0	1.7	. 7		T	<u> </u>	<u> </u>		100.0	5.3

TOTAL NUMBER OF OBSERVATIONS

DATA PROCESSING FRANCH ETAG/USAF AIR LEATHER SEPVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

34055 STATION	HAHN AR/HUNSPUCK GERMANY	15.3 - 7.7 TEARS	FFA.F.
	ALL	KI STHEK	0300-0500 HOURS (L S T.)
		COMDITION	

SPEED (KNTS) DIR	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	% , %	MEAN WIND SPEED
N	•6	1,3	1.5	• 4				<u> </u>	, _			3.9	6.6
NNE	• 5	1.5	1.3	• 0					1			4.1	6.9
NE	• č :	1.2	2.0	• 3	. 1			1	!			4.9	7.1
ENE	ذ.	1,2	1.9	• 1	.3							3.9	7.8
ε	1.0	1.0	1.3	1.0								4.2	6.7
ESE	2.4	3.2	1.4	ۇ. م1	. 1							8.4	6.0
SE	1.7	4.2	3.7	1.7					<u> </u>			11.3	6.8
SSE	1.01	2.5	1.0	• 4								6.3	5.8
5	. 4	5	• 5	• 6				1	<u> </u>			1 1.8	6.2
ssw	. 2	1;	1.2	• 4					<u></u>	i _		7.0	9.2
sw	li • 5	1.6	1.0		.2			<u> </u>	<u> </u>			4.9	7.9
wsw		2.7			.4			!	<u> </u>	;		7.7	8.4
w	.0	5.2	5.7	2.3	. 8	-1			<u> </u>	<u> </u>		14.7	8.2
WNW	1.0	1.3	1.9	+3					<u> </u>	<u></u>		5.4	5.8
NW	.0	1.1	• 3	• 2					<u> </u>			2.3	5.2
NNW	.3	1.2	• 3		·			<u> </u>	<u> </u>			1.8	5.1
VARBL	1.0	. 4	1.4	• 0	-1				1	1		3.5	7.5
CALM		$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$		$\geq \leq$		$\geq \leq$	8.8	
	15.7	30.1	29.8	13.3	2.2	. 1						100.0	6.4

TOTAL NUMBER OF OBSERVATIONS

USAFETAC FORM (0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING RRANCH ETAC/USAF AIR REATHER SERVICE/MAC

> VARBL CALM

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

<u>></u>	HAHR	AR/HIJN	SP JCK ;		Υ		<u>60-</u>	77	 ,	EARS				Ail
						ALL de	ATHER						0600	-0800
						CI	ASS						HÇUB	\$ (L S T)
		_				CON	DITION							
	SPEED (KNTS) DIR.	1 - 3	4.6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	. 48 - 55	≥56	*	MEAN WIND SPEED
	N	. 4	2.5	1.3	•6.	.2			i				5.1	6.9
	NNE		1.2	1.5	. 4								3.2	8 • 4
	NE	1.0	1.3	2.7	• 5	• 1							5.6	7.2
	ENE	0	. 6 .	1.3	• 5	. 1						1	3.3	7.6
	E	_, 6	.9	1.0	1.7						!		4.9	8.3
	ESE	1.6	2.5	2.0	1.8	• 1							8.1	7.2
	SE	1.4	4.0	3.9	1.5	. 1					ĺ		10.9	7.0
	SSE	2.2	2.0	3.4	• d						1		8.4	6.5
	S	1.0	• 4	• 5	• 4								2.6	5.1
	ssw	• 2	.4	• 4	1.0								2.0	9.3
	SW	2	•9,	.91	• 7	• 1							2.4	8.9
	wsw	1.2	2.4	1.2	1.3	• 5							6.8	8.5
	w	2.3	4.1	6.2	3.₺	1.0				į			17.3	8 . 4
	WWW		2.0	1.3	• 5		Ĭ						4.5	6.5
	N₩	• 5	1.1	• 5	. 4								2.6	6.1
	1	Li .												

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING BRANCH ETAC/USAF AIR REATHER SERVICE/MAC

HAHN ARTHUNSPUCK GERMANY

SURFACE WINDS

TOTAL NUMBER OF OBSERVATIONS

MAR

930

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

		STATION	HAME						TEARS				HON
				·	ALL NE	ATHER ASS						0900 HOUR	
	_				CON	DITION							
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	
N	.0	1.6	1.2	• (0				• 				3.7	П
NNE	•4	1.1	2.0	1.3				1	1			4.8	Γ
NE	.4	.9	1.5	1.3	, l							4.2	
ENE	.2	.9	1.7		.1							3.4	
E	•4	1.6	3.1	1.3	. 1				!			6.6	<u> </u>
ESE	. 9	1.6	2.6	1.0			İ	1				6.7	
SE	8.	3.2	4.0	2.0			1			ĺ	1	10.5	
SSE	.01	1.8	2.3	1.2			i					5.9	
\$.1	.6	1.0	• 5	_ ^ [<u> </u>	!	i			2.2	
ssw	.2	3	_ • 3	• 9				i	<u> </u>		<u> </u>	2.02	<u></u>
sw	.21	. 8	1.4	1.0	3			i	<u> </u>			3.7	<u></u>
wsw	• 2	1.5	2.6	2.3	.6	غه	L	<u> </u>	<u> </u>	<u> </u>		7.4	L
W	. 8	3.1	6.1	4.4				<u> </u>	ļ	<u> </u>	<u> </u>	14.9	_
WNW	1.0	1.5		.5	<u> </u>		Ĺ	<u> </u>			<u> </u>	5.6	┞
NW	.21	1.7	1.1	• 3			ļ		<u> </u>	<u> </u> -		3.4	<u> _</u>
NHM	.6	1.4	• 8	.4				ļ	ļ			3.3	ㄴ
VARBL	Let	3.7	2.9	رفول		L	Ļ	<u></u>	Ļ,	Ļ		10.2	<u> </u>
CALM		$\geq \leq$	><	$\geq \leq$	$\geq \leq$	$\geq \leq$			$\geq \leq$	\geq	$\geq \leq$	1.3	L
			2.4				1			1			

DATA PROCESSING BRANCH ETAC/USAF AIR FEATHER SERVICE/MAC

SURF

NINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

34655	HAHR ARTHUMSFUCK GERMANY	.sa -77	нак
STATION	STATION NAME	TEARS	MONTH
	يد	L SELTHER	1200-1409
		CLASS	HOURS (L.S.T.)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
И		1.3	2.4	• 6								4.5	7.0
NNE		1.3	2.3	• D	. 1			:			1	5.3	7.1
NE	. د ه	1.1	1.2	1.6	• 1					,	1	4.5	9.5
ENE	. 1	.8	1.5	• 8					1			3.1	3+2
E	1 .4.	1.0	2.5	• ನ	.5		1	i	[5.2	9.1
ESE	.4	1.5	2.0	1.5							1	5.9	8.4
SE	1.2	1.6	2.7	1.4			,			1		5.9	7.4
SSE	.6	. 3	2.3	• 4						,		4.1	7.4
5		1.5	3.0	• 5								5.3	7.9
ssw	•2	. 2	• 6	.4				•		1		1.5	3,5
sw	.1	. 8	• 9	1.0	.2		i					2.9	9.9
wsw	• 2	1.7	2.3	2.5	. 5							7.2	10.4
w		2.9	4.5	4.9	. 3	1						13.4	9.8
WNW	.4	1.5	1.0	1.4						<u> </u>		4.9	8.2
NW	,5	1.5	1.5	1.4	.1					1		5.1	8.5
WNN	.3	1.0	• 9	• 2	• 1							2.5	7.1
VARBL	2.2	4.5	6.3	2.7	• 2							15.9	7.5
CALM		$\geq <$		\times	\geq		$\geq \leq$					1.9	
	8.9	25.4	38.4	23.0	2.3	.1						100.0	5.3

SHOITAL HUMBER OF OBSERVATIONS

USAFETAC $\frac{\text{FORM}}{\text{JRL 64}}$ 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING PRANCH ETAC/USAF AIR FEATHER SERVICE/MAC

HAHR AR/HUMSRUCK GERMANY

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

							-1700						
	_				CON	DITION				<u> </u>			
SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	.3	2.2	2.3	• 3	- 1							5.2	5,8
NNE	• 3	2.3	4.2	• ?						;		7.1	7.2
NE		8	1.5	1.4	•1							3.8	9.7
ENE	، ۋ •	.9		• 9					 	ī		4.6	5.1
Ε	. 5	1.5	3.2	•5	.1				 	1		5.9	
ESE ;	.9	1.7	1.7							,		5.6	7.5
SE ,	1.3	2.3	1.5	نادا					 	· ·	,	5.3	6.8
SSE .	. 9	1.9	2.0						T			5.6	5,5
S	.6	1.3	1.5	. 31						,		3.9	
ssw	•2	. 4	. ذ ه	• 2	.1				i			1.6	9.3
sw	4	1.4	1.9		.1				Ī			4.4	8.0
wsw	.41	1.5	2.4	1.9	.4							6.7	
w	1.0	4.2	4.3	3.5	1.3	1						14.4	9,2
WNW	.2	1.7	1.7	1.0								4.6	
NW	• 8	1.3	1.21	1.4	.2	<u> </u>						4.9	8.5
NNW	.9	.6	.8	- • 2								2.5	5.8
VARBL	2.4	2.5	3.0	1.9	-,1							9.9	

TOTAL NUMBER OF OBSERVATIONS

930

100.0

USAFETAC FORM G-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING SRANCH ETACYUSAF AIK -EATHER SERVICF/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

34055	HAHN AS /HUMSRUCK GERMANY	65 -77	MAK
STATION	STATION HAME	YEARS	KT#O#
	ă.	ILL NEITHER	1900-2000
		CIVE	HOURS (L S T)
		CONDITION	

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN DAIW GBBQS
И	1.5	2.0	1.7		1							5.7	5.5
NNE	• 5	3.1	1.4	•0	• 2			· —				5.9	5.8
NE	.01	1.4	1.2	. 3		1		1	1			3.6	6.2
ENE	• c :	1.2		1.5		1		1	:			1 6.6	7.5
£	1.01	2.2	2.2		.1				:			5.8	5.6
ESE	1.2	1.2	1.7		• 1			!	:			4.0	6.5
SE	3.2	3.3	1.7	1.1				;				9.4	5.5
SSE	1.7	2.4	1.4	•4		i		;				5.9	
S	1.0	2.2	.9	•4	-,1	· · ·	!		!	-		4.6	
ssw ;		1.9	• 9	• 1		ļ			-	,		3.6	5.4
SW	.31	1.6	1.1	1.1	•1				1	:		: 4.Z i	8.2
wsw	. 3	2.3	2.3	1.2	.5		_	Ī	:	 -		7.0	8.3
w	1.4	3.7	4.3	2.6	,2	.,	<u> </u>	1				12.4	8.3
WNW	.41	1.8	1.3	• 0								4.7	7.2
NW	. 5	1.1	• 8	• 8	• 1	i — —				:		: 3.2	7.7
NNW	•4	.3	•4	• 2								1.4	6.3
VARBL	1.0	.9	•3	•3	•1			1		1		2.5	5.2
CALM			> <				> <		$\supset \subset$		>	8.8	
	16.7	33.0	27.2	12.2	1.7	. 3						100.0	6.3

TOTAL NUMBER OF OBSERVATIONS

DATA PROCESSING PRANCH ETAC/USAF AIR ALATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

34055 STATION	HAHIN AR/HU'-SFUCK GERHAMY	50-77 YEARS	PONTH HONTH
	ALL	WE THE K	2100-2300 HOURS (LST)
		CONDITION	

SPEED (KNTS) DIR	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥55	•	MEAN WIND SPEED
N	1.0	2,3	1.0	•1								4.9	5.7
NNE	.4	1.5	2.3	• 2								4.7	6.6
NE	.4	1.0	1.5	1.0				<u>!</u>				4.0	a.3
ENE	<u>•2.</u>	1.1	1.9	• 4				[3.7	
E	1.0	3.2	2.0	1.2	. 1			,	·			7.5	
ESE	2.2	. 8	1.4	•51	• 1							5.1	
SE	2.0	2.8	2.4	1.3					!		<u>` </u>	9.0	
SSE	2.4	2.6		<u>• # 1</u>				·	· -		-	7.0	5.4
	1.2	<u>. 8 :</u>	1.2.	<u>. 2 i</u>					-		-	3.41	5.3
SSW	•8	.8	1.0.	<u>•5</u>				<u> </u>	·			3.1	7.1
sw :	. 5	1.1	2.3	• 6	.1			 -		1	-	4.7	8.1
wsw	1.0	2.4	3.0					<u>!</u>	<u> </u>			9.4!	8.1
W i	1.5	5.5		2.2	.9		-	 -	<u>-</u>	!	1	4.5	7.4
WWW I	.9:	•6	2.4	<u>•61</u>							`	2.0	5.7
NNW I			•6			<u></u>		i				1.2	5.9
VARBL	1.1	.3	1.0		•2			 			 	3.2	7.0
CALM				\geq								9.0	
	18.1	28,8	29.5	12.6	1.6	•2						100.0	6.3

TOTAL NUMBER OF OBSERVATIONS

DATA PROCESSING PRANCH ETAC/USAF AIR -EATHER SERVICE/PAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

34055	HAHIL AF/HUNSRUCK GERMANY		MAR.
STATION	STATICH NAME	TEARS	NORTH
	4LL	at Tide	AL
		CLASS	HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56		MEAN WIND SPEED
N	. 8	1.9	1.0	• 5 .	.1							4.7	6.3
NNE	.4	1.8	2.0	• 6	. 1							4.8	7.3
NE	. 5 '	1.2	1.8	.9	•1		1			1		4.5	3 <u>.0</u>
ENE	• 4	1.0	1.9	. د	.1			!	:			4.0	7.2
E	7 :	1.6	2.2	1.0	.1				·			5.7	7.7
ESE	1.4	1.9	1.8	1.3	• 1			!				5.5	7 <u>.</u> 1
SE	2.0:	3.1	2.6	1.5	•0			1		•		9.4	6.6
SSE	1.0	2.0	2.1	• 6								5.2	5.3
S	0	1.0	1.2	• 4	•0	راو	1		1	!		3.2	6.9
ssw_		.6	• ბ	• 5	• 1			1				2.3	8.0
S₩	4	1.2	1.4	1.0	• 2							4.1	8.5
wsw	.7	2.1	2.3	1.5	. 4	ـــا		<u> </u>				7.3	9.0
w	1.3	4.4	5.2	3.2	.7		Ì	<u> </u>	<u>: </u>			14.8	8.5
WNW	.81	1.5	1.7	.7					!			4.7	6.9
NW	.61	1.2	- 6	•6	• 1	.0						3.3	7.2
NNV'	. 5	. 8	• 5	• 2	.0]	1				1.9	6.2
VARBL	1.5	1.7	2.1	1.2	. 1			1				5.6	7.2
CALM		$\geq \leq$	><	><	\times	$\geq \leq$					$\geq \leq$	6.0	
	14.3	25.9	32.2	16.3	2.1	. 2						100.0	7.0

TOTAL NUMBER OF OBSERVATIONS 74.3

DATA PROCESSING PRANCH ETAC/USAF AIR HEATHER SERVICE/HAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

34055	HAHIR AS/HUWSPUCK GERMANY			AP_6
STATION	STATION NAME		YEARS	BORTA
		ALL a .THE.		0000-0200
		CLISS		moues (L. e T)
		COMPITION		

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.7	3.5	2.1	• 2			-					7.0	_5.5
NNE	. 3	2.6	3.0	•1	1							5.6	£.7
NE	• i	1.4	• 7	ز.				5	-			2.3	6 • 4
ENE	• 2	1,5	1.2	• <u>1</u>								2.9	5.5
Ε	2.4	3.7	1.0	9.5								7.4	4.8
ESE ,	2.8	2.2	• 7									5.7	3.9
SE	1.9	3.4	1.7					7				7.0	4.8
SSE	• 9	.4	• 4				·	1	<u> </u>	·		1.5	4.4
<u> </u>	ć	.9.	_ •3_	<u>• 2 :</u>				<u> </u>				2.0	5.6
ssw	<u> </u>	<u> </u>		• 6 -			<u>:</u>		<u> </u>	<u> </u>		1.2	9.5
sw	1	1.2:		1.0	.1			<u></u>	<u> </u>			4.7	
wsw	1.3	3.6		1.4			<u> </u>	<u></u>	<u> </u>	<u>' </u>		9.1	<u> </u>
_ W	1.9	5.7:		2.2	.1		<u> </u>	<u> </u>	<u> </u>	<u> </u>		16.2	7.1
WNW	. 3	2.8					<u>!</u>		<u> </u>			6.4	7.0
NW	9	1.7			1		<u> </u>	ļ	<u> </u>	<u>'</u>		<u> </u>	
NNW	1.1	1.7	• 4				<u> </u>	<u> </u>	<u></u>			3.2	4.5
VARBL	1.2		_ 1.3	$\overline{}$				<u> </u>		<u> </u>	<u></u>	3.0	<u>6.1</u>
CALM	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	<u>'><</u>	$\geq \leq$	J.3!	
	17.9	36.0	29.9	7.6	.3				i			100.0	5,7

TOTAL NUMBER OF OBSERVATIONS 900

DATA PROCESSING TRANSH ETAC/USAF AIR EATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

34055	HAHR AR/HU SRUCK GERMANY	2≥ − 77	<u> </u>
STATION	STATION WAME	YEARS	BORTH
	ńĮ.	L at The	0300-0500
		CLASS	HOURS (C.S.T.)
		CONDITION	

SPEED KNTS, DIR	1 - 3	4 - 6	7 - 12	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	. •	MEAN WIND SPEED
N	_ 1,8	+.1	1.9	<u>ز</u> • _								3.1	5.4
NNE	• 2	2.7	2.4	• 3								5.7	6.9
NE	. 3	1.0	1.0	٠č								3.1	5.5
ÉNE	• 3	1.8	1.2	• 2								3.5	6.2
£	1.7	2.1		• 3					,			5.0	5 • 2
ESE	3.1	4.7	. 4			;						6.2	3.3
SE	2.4	4.0	1.9.			1	:					- 8.3	5.0
322	1.2	1.0	1.2			:	!		,	-		4.0	5.1
s	• 3	•1.	• 2			i	2					.7	4.8
SSW 3	.1	•3 ·	•3	• 4		1	;		,			1.2	8.5
sw :		1.1	1.9	.9		i	1	-				3.9	3.7
wsw	۵.	2.2	3,2	2.:			!			:		4 8.3	8.3
w ·	1.4	7.6	6.8	2.8	.1	1		i				18.7	7.3
WNW	.8	3.4	2.2				1	1		ı	1	6.8	5.1
NW	.6	1.7					1	:	i	1		4.2	6.3
NNW	1.1	1.1	. 4					1				2.7	4.5
VARSL '	.9	.6	8	• 1			1			1		2.3	5.5
CALM	><	\boxtimes	$\geq <$	><	>	\boxtimes					$\geq \leq$	7.2	
	17.1	38.6	28.8	8.2	.1			1				100-0	5.8

TOTAL NUMBER OF OBSERVATIONS

UATA PRICESSING PRANCH ETAC/USAF AIR REATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

34055	HAHN AT/HUNSTUCK GERMENY	÷77	48,
STATION	STATION NAME	TLIES	4047 M
	-i	L at Items	0600− ∪ <u>a</u> 00
		CLASS	HOURS (LS ?)
		CC#217-0#	

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 50	*	MEAN WIND SFEED
И	1.3	3.7	2.7		.,1							3.1	e • 3
NNE	• 3	2.3	2.5	• 7								5.1	7.2
NE	• 3	. 9	2.0	• 5								4.8	7.9
ENE	•1	1.6	• 9	• 7	.1							3.5	5 • 3
E	• 7	i.9	2.5	• 2								5.4	5.3
ESE .	2.0	4.2	1.6	•1								. 8.1.	5.1
SE	• 7	3.7	2.9.	ۇ. •								7.6	6.1
SSE '	. 9	1.2	1.7	• 4								4.0	<u> 4</u>
S !	• 2	• 2	l	• 1								.7	2.3
ssw			• 2 .	. 4								3	11.0
sw		. 3	1.1	2.3	.3				!			4.1	11.5
wsw	• 1	1.7.	2 • 2	2.9					;			6.9	9.2
w	• 7	5,2	6.3	3 . ≤	.4		3		:	·		16.1	8.4
WNW	les!	3.2:	2.0	• 2					:			5.7	5.8
NW !		2.1	1.7	• 7					!	Ι .		4.7	4.4
NNW :	.91	.91	1.0	•L			<u> </u>		1			2.9	5.7
VARBL	2.0	1.91	1.1	1.2			İ		:			5.2	6.4
CALM	><	><	><		><	><		><	><		><	5.8	
1	11.7	35,0	33.9	14.7	1.0							100.0	5 * 5

TOTAL NUMBER OF OBSERVATIONS 900

DATA PRECESSING PRANCE ETACHESAF AIR EATHER REPUTCES THE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

34355	HAHN AP/HUTSPUCK UFRMANY		APR
STATICE	1"x":0" %=={	- ATTAIL	40475
	att.	. ค	2900-1160
		CUM	**************************************
		£2+31*1C4	

SPEED KNTS; DIR.	: - 3	4 - 5	7 - 19	11 - 15	17 - 21	22 - 27	28 - 33	34 - 40	4: 47	48 - 55	≥56		MEAN WIND SPEED
N		2.3	2.5	• ÷								5.7	5.5
NNE	٠٤	Lió	2.0	i • 7_								5.3	2.2
NE	<u>ق</u>	. 7	2.9	1.5								5.7	3.2
ENE	•4.	• ÷	1.5	1.4								3 • 2	9.1
Ē		.7	2.1	1.5	•1							! 5.0	9.7
323	٤.	$\frac{1}{1},7$	1.5	• 7								4.2	7.6
S£	• ¿	2.2	3.3	• 2								6.0	7.Z
SSE	• 2	. 3	1.	• 3								2,4	
S ·	• 1	,6	• 4									1.3	8.1
55.4	<u>ۆ</u> .	.2	•7.	• ç								2.1	9.1
sw .		•2	1.3	2.2	_,,5							4.6	12.8
wsw	• 1	. 4	2.2	3.2	. 4							5.5	11.4
w	• 2	3.6	6.0	2.9	. 3	1	· · · · · · · · · · · · · · · · · · ·	,				13.9	9.2
WNW :	٠Ž	1.2	• 6	.7_	. i		<u> </u>					3.0	7,3
NW	. 4	1.8	1.9	؛ ۋ ە			i	1				4.4	6.0
NNW 5	1.1	1.7	1.5	• 4								5.0	6.1
VARSL	2.0	4.6	9.0	3.1	.4				:	;		19.7	7.9
CALM	><	$\geq \leq$	\geq	><	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	\leq	$\geq \leq$.9	
	2. 1	24,6	41.6	22.1	2.1							100.0	8.4

TOTAL NUMBER OF OBSERVATIONS 900

DATA PRECESSING PRANCH ETAC/USAF AIR WEATHER SERVICE/MAC

HAHN AS HUTSPUCK GERMANY

SURFACE WINDS

TOTAL NUMBER OF OESERVATIONS

900

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

	_				ALL Mr	THER							-1400 *((**)
	_				сон	DITION							
SFEED (KNTS)	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 · 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND
и ,	ا ق	1.8	2.3	1.0				i		1		5.4	7,8
NNE		2.0	3.6	1.2				T		-		6.8	3.3
NE	• l	9	2.0						T	:		4.8	2.5
ENE	• l	-,5	1.2	2.0								3.9	10.0
E	.2	.7	1.7	1.4	.1			1				4.1	9.7
ESE	•7	1.1	1.4	1.9						;		4.2	7.4
SE ,	. 4	.4	2.2	• 1						1		3.7	7.4
SSE	• 2	. 3	1.7									2.2	7,4
S	• 2	.4	• 9	• 4				1				2.0	8.4
ssw	• 1	.4	• 9	1.1			i					2.6	9.6
\$₩		.3	1.5	1.7	.1	. 2		Ī _				3.9	11.9
wsw.	• i	. 8	2.3	1.9	٠, ۷	1						3.4	10.2
w	- 3	2,6	5.2	3.1	,7							11.9	9.5
WNW	• 2	1.8	2.0	• 4								4.4	7.5
NW	- 1	2.1	1.9	1.8	• 2		L	I				6.1	8.7
NNW	1	1.8	1.7	٤.								3.9	7.3
'ARG	1.8	2,2	11.7	5.	.3							24.1	5.5
CALM		$\geq \leq$	$\geq \leq$	\times	$\geq \leq$	$\geq \leq$	<u>></u> .,	\leq		$\geq \leq$	$\geq \leq$	1.0	
	6 1	22.3	6 4 4	23 0	, ,							100 0	2 7

DATA PROCESSING GRANCH ETÁCZUSAF AIR LEATHUR SERVICEZMAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

34055 STATION	HAHR AP/HU'SRUCK GERMANY		RS	APR HONTH
	ΑΙ	L WF THE CLASS		1500-1700
		CONDITION		

SPEED (KNTS) DIR	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	.41	2.3	3.6	1.6			1	1		İ		7.9	7.9
NNE .	• 1	1.0	4.0	1.3			Ī					7.C	8.5
NE	• 1	1.7	2.2	1.3				<u> </u>				5.3	8.4
ENE	• 1	.9	1.8	2.3					i			5.1	9.7
E	• 5	1.7	2.9	• 3	. 1							5.6	7.3
ESE	•7	1.6	1.3	• 6						Ī.		4.1	6.5
SE	٤.	1.3	1.4	• 3								3.4	6.9
SSE	. 2	.6	1.1	•2			;	I				2.1	7.1
-		4	1.4	• 6			1	i		i		2.7	9.2
\$\$₩	1	•7	1.4	•4	,1			Ī				2.8	8.8
sw	• 2	1.2	1.1	1.3					Ĭ			3.9	8.9
wsw	3	1.6	1.9	1.4			T	Ī	I			5.2	8.8
w	•6	3.0	5.9	3.2	•1		T		1	T		12.8	8.7
WNW	• 1	1.3	1.9	. 4				1		1		3.8	8.0
NW	.7	2.3	1.8	1.6	€.			T				6.9	8.4
NNW	. 4	1.2	1.3	1.6	i							4.6	8.6
VARBL	2.6	3,4	6.2	2.1	.3	• 2	.1			1		15.0	7.8
CALM	$\geq <$	$\geq \leq$	\geq		\geq	> <						1.9	
	7.0	26.8	41.3	21.1	1.0		•1		l			100.0	8.1

TOTAL NUMBER OF OBSERVATIONS 900

DATA PROCESSING PRANCH ETAC/USAF AIR ~EATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

34055 STATION	HAHL AR / HUN SRUCK GERMANY		YEARS	4PR MONTH			
	A	ALL Nº - ATHER					
		CONDITION					

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 • 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N .	2.01	5.0	3.3	1.1				İ				11.4	6.2
NNE ,	• 9	2.1	1.4	• 3								4.8	6.2
NE	.2	1.6	1.4	• 4								3.7	6.0
ENE	• 1	1.2:	4.0	1.3						,		7.2	8.5
E	1.2	2.1	1.7							i		5.0	5.1
ESE	1.8	1.3	• 1									3.2	3.5
SE	1.0	1.7	• 7					1				3.9	4.3
SSE	1.1	1.3	1.2	•1						1		3.8	5.4
S	1.1	.9	• 2	• 4				1		1		2.7	5.5
ssw	• 2	.9	•7	ڈ. •								2.1	7.2
sw	• ô	1.7	1.2	•9	.2	• 1						4.9	7.9
wsw	•7	1.5	1.2	1.0	.1							4.8	7.5
w	1.9	4.3	4.5	2.1	.2				1			13.3	7.6
WNW	1.8	2.9	2,3	•1								7.1	5.5
NW	1.9	2.1	2.1	1.6	, 1					1		7.8	7.2
NNW	.7	.9	1.3	• 1								3.0	6.2
VARBL	1.3	.9	• 4	•0	.3	.1				1		3.7	7.3
CALM		$\geq \leq$	$\geq <$	\geq	$\geq <$		$\geq \leq$	\geq	\geq			7.7	
	19.2	32,7	28.8	10.4	1.0	.2						100.0	6.1

TOTAL NUMBER OF GBSERVATIONS 900

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING ARANCH ETAC/USAF AIR REATHER SERVICE/MAC

SURFACE WINDS

PER 367 TAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

34055	HAHR AR/HUISPUCK GERMANY	58-77		APn
STATION	STATION NAME		YEARS	NONTH
	А	LL WEATHER		2100-2300
		CLASS		HOURS (L S.T.)
	·	CONDITION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N .	1.2	ا ا و د	2.6	• 3				:		i		7.2	6.3
NNE	• 4	2.9	1.8	• 4								5.3	6.3
NE	• 4	2.0	1.0	٤.					İ	1		3.6	6.3
ENE	د ٠	.8	2.9	• 4	. 1			<u> </u>	i			4.6	8.1
E i	2.9	2.9	2.3	• 2					i	i		3.3	5.2
ESE	2.31	1.1	• 3						!			3.8	3.4
SE	2.8	2.0	•0						i	1		5.9	3.8
SSE	1.4	1.0	1.3	• 1					<u> </u>			1 4.4	5.0
S	.7	1.2	• (• 4			1			1		2.6	5.8
ssw	•2	.3	•7	• 9								2.1	9.1
sw	.7	1.7	1.3	• 7				i – –	T			4.3	7.2
wsw	• 8	1.9	2.1	1.5	,1							5.7	8.3
w	1.7	7.3	3.8	2.2	• 2	.1				I		15.3	6.9
WNW	1.5	2.3	1.3	٠,١						ı		5.6	5.6
NW	1.1	1.7	2.0	• 7	•1							5.6	7.1
NNW	1.1	1.3	1.2	• 4								4.1	6.0
VARBL	.8	•6	•4	5.5						i		2.0	5.6
CALM	><	$\geq \leq$	\geq	\geq	\geq	\geq	$\geq \leq$	\geq	\geq			3.7	
	20.2	35.Z	25.9	9.3	.6	. 1						100.0	5.7

TOTAL NUMBER OF OBSERVATIONS

DATA PROCESSING FRANCH ETAC/USAF AIR REATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

	HAHN AR/HUNSPUCK CERMANY	68 -77	APR
STATION	STATION NAME	TEARS	NONTH
	AI	L WEATHER	ALL
		CLASS	NOURS (L S T.)
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
И	1.2	3.2	2.6	. 7	.0							7.6	6.5
NNE	. 4	2.2	2.8	•7								6.1	7.4
NE	• 2	1.3	1.0	• ರ							4 !	4.2	7.8
ENE	• 2	1.1	1.9	1.0	.0					1		4.2	8.5
E	1.2	2.0	1.9	• C	.0					i	ì	5.7	6.4
ESE	1.7	2.0	1.C	• 3				i i			!	4.9	5.1
SE	1.3	2.4	1.8	• 1						Ī		5.7	5.5
SSE	• ბ	1.0	1.2	• 1					i		1	3.1	5.9
S	• 9	.6	• >	• 4						i		1.8	5.9
ssw !	• 2	4:	• 7	• 0	.0							1.9	8.9
sw	•2	1.0	1.5	1.4	• 2	• 1				Ī		4.3	9.7
wsw	• 2	1.7	2.2	2.0	• 1	ون						6.6	8.7
w	1.1	4.9	5.7	2.7	.3	.0				Ī		14.8	0.8
WNW	• d	2.4	1.9	• 4	•0			İ				5.5	5.4
NW	.7	1.9	1.9	- 8	• 1							5.5	7.3
NNW	• 0	1.3	1.2	• 4								3.7	6.3
VARBL	1.0	2.2	3.9	1.6	• 2	-0	•0					9.5	7.7
CALM	$\geq <$	$\geq \leq$	$\geq \leq$	\times	$\geq \leq$	$\geq <$	$\geq \leq$					4.9	
	13.4	31.5	34.4	14.7	1.0	2	•0					100.0	6.9

TOTAL NUMBER OF OBSERVATIONS

JATA PROCESSING PRAYCH ETAC/USAF AIR PEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

34055	HAHR APTHUNSPUCK GERMANY	6a ~ 77		нау
STATION	STATION NAME	YE	ABS	MONTH
	Δ	LL WIATHER		0000-0200
		CLASS		HOURS (L S T)
		CONDITION	- , - , -	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥\$6	* *	MEAN WIND SPEED
N :	1.5	2.2	1.4	• 2				:				5.4	5.1
NNE	• >	2.1	1.4					1		1		4.0	5.6
NE	•6	1.2	• 4	• 4				!				2.5	6.1
ENE ,	• 2	1.1	2.5	• 4		ĺ				!		4.1	7.3
E	• 5	3.9	1.5	• >								6.9	5.8
ESE	1.5	2.6	• 4	• 1			i	:				4.8	4.3
SE	2.7	4,7	1.5	• /			;	-				9.2	4.9
SSE	1.7	3,3	2.2	-1								7.3	5.3
5	1.2	, 9	.7							i		2.8	4.4
SSW	•1	.7	1.3	• 4			<u>. </u>	ī				2.5	8.1
sw	_• ∂	1.7	2.1	• 6				i	1			5.4	7.4
wsw	.9	4.3	2.4	• 9			1					3.5	6.7
w	2.4	5,9	5.7	• 7								14.7	6.1
WNW	1.3	2.2	• 7									4.3	48
NW		1.2	.6					T		ļ		1.9	5.8
WNW	.7	.9	•8									2.5	5.6
VARBL	1.2	.5	1.2	•4						İ		3.2	6.2
CALM		$\geq <$			\geq						> <	9.9	
	18.7	39.5	26.8	5.1								100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 846

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE COSCLETE

DATA PROCESSING PRANCH ETAC/USAF AIR -EATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

MONTH
0300-0500
HOURS (L S T)
A P3

SPFED (KNTS) DIR,	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	. 28 - 33	34 - 40	41 · 47	. 48 · 55	≥ 56	* ************************************	MEAN WIND SPEED
N	1.2	2.1	1.3	• 3			1	:				5.0	5.6
NNE	ته	2.0	• 6	• 1								3.0	5.5
hē.	. 4	1.1	• 7	•1!		i	1					2.4	6.4
ENE	•4:	• 9	2.2	• 6				<u> </u>	-			3.3	7.1
Ε .	.7	2.7	1.0	• 3		1		!				. 5.2	5.8
ESE !	3.2	2.9	- 9.									7.2	4.4
SE .	2.7	5.8	2.3	• ¿		1		1		·		11.0	5.2
SSE	2.6	2.7:	2.1.			I					!	6.9	5,2
S }		.4	• 9	. /.							1	2.3	7.3
SSW 1	.4	1.0:	•9;	•7			<u> </u>	1	<u>i</u>		•	3.0	7.5
.5W	1	2.5	1.6	- 9			l				i	5.1	7.7
w.w	1.0	2.9	1.8	. 3	1	i		I	i -	1	i	6.6	5.8
w	1.7	6.3	5.6!	. 4		<u></u>	<u></u>		<u> </u>	·		14.1	6.3
WNW	. 9	3.01		• 3		1			<u> </u>		<u> </u>	5.0	5,5
NW	,3	.7!	.91	. 2			l	<u> </u>				2.1	6.6
NNW	. 4	.7	1.0				<u> </u>	<u> </u>	<u> </u>		<u></u>	2.1	6.1
VARBL	1.7	.2	94	1.2				1	<u> </u>	i	i	3.5	7.0
CALM	$\geq \leq 1$	$\geq <$	><	$\geq <$	><	><						11.7	
-	18.6	37.8	25.5	6,2	.2							100.0	5.2

TOTAL NUMBER OF OBSERVATIONS

USAFETAC FORM 0-8-5 (OL-A.) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING RRANCH ETAC/USAF AIR REATHER SERVICE/FAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

34055 STATION	HAHR AP/HUMSPUCK GERMANY	>o+77	#A.∀
STATION	STATION NAME	T T	EARS HORTH
		ALL MELTHER	0600-0800
		CLISS	HOURS (LST.)
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	1 34 - 40 ;	41 - 47	48 - 55	! ≥56	*	MEAN WIND SPEED
N	• 3	1.7	3.1	• 5								6.0	6.7
NNE	• 4	1.4	1.1	2					Ī			3.0	6.8
NE	.1	. 9	1.1	• 1				1		,	•	2.2	5.4
ENE	• 2	. 3	2.5	• 5	.2			1		:		3.9	9.2
E	4 4 1	1.4	3.7	• 9	.1			<u> </u>		ı		6.5	R . 1
ESE	1.1	2.2	3,0	• 0_	!			<u> </u>			,	7.C	7.0
SE	1.2	3.8	3.9	• 2				1		1		9.1	5.2
SSE ·	1.5	2.2	3.1	• 3						ì		7.2	6.3
S	• 0	7	• 7	• 2				<u> </u>				2.1	5.2
SS₩		• 6		1.1	. 2				<u> </u>			2.7	10.9
sw	• 2	1.2	1.3	1.4	1	<u> </u>	:			<u> </u>		² 4,3	8.9
wsw	. 2:	2.5	3.i	2.1			i	<u> </u>		<u> </u>		8.0	R.3
w :	1.1	4.4	6.5	1.5				<u> </u>			<u> </u>	: 13.6	7.3
WNW :	• 4	3.3	1.4	• 1	.1			<u> </u>		<u> </u>	l	5.4	5.2
NW]	4	2.2	1.3	•1	<u> </u>		<u> </u>	·				4.1	5.9
NNW ;	•2	1.3	.4	• 2	. 1]			<u> </u>	2.3	6.8
VARBL	2.9	1.9	1.4	1.1	.2			i		i		7.5	5.9
CALM	><	><	><	><	$\geq \leq$							5.1	
	11.5	32.1	38.5	11.2	1.1	. 1						190.0	4.8

TOTAL NUMBER OF OBSERVATIONS

903

USAFETAC $\frac{\text{FORM}}{\text{AR}}$ 0-8-5 (OL-A) previous editions of this form are obsolete

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DATA PROCESSING PRANCH ETACHUSAF AIR REATHER SEPVICEYMAT

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

34055	HAHN ARTHUR SPUCK GERMARY	> 5 = 77		MAY
STATION	STATION NAME		TEARS	BORTH
		ALL AF THE		2900-1100
		CUSS		rougs (L S T)
		COND.T.QM		

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	`	MÉAN WIND SPEED
N		2.3	2.4	- 22								5,4	7.1
NNE	- 1	1.3	2 - 1	• 3								3.9	7.4
NE		.6	• 9	• 4								1.9	3.4
ENE	• 1	. 4	1.3	1.3.	1	1						3.4	13.4
E	• 2	. 8	2.4	2.1	.1.				-			5.6	9.6
ESE	• 7	1.3	1.4	1.0	2							. 4.8	B • 7
SE	. 4	2,2	3.5.	• 6	1							6.8	7.4
SSE	• 2	.9	2.3	ذر ٠								3.8	7.9
S i	2	. 3	1.4	- 4	,							2.4	A . Z
ssw		. 3	•9	1.2	.2					!		2.7	11.3
SW ;	•1	• 6	1.6	1.7	.4			:		,		3.0	10.5
WSW	2	1.0	2.7	2.5	, 3 !		4					6.8	10.0
w	• 7	5.0	5.3.	3.2.	.2			:	-			14.4	8.4
WNW	.7	1.7	1.7	• 1					;		-	4.1	5.4
NW .	.91	1.2	1.3	•11	Ì			!		1	1	1 3.5	5.9
NNW	1.0	1.1	•91	•31								3.3	5.6
VARBL	2.5	6.1	9.5	4.0	•2		l Total				1	1 22.4	7.7
CALM	$\geq \leq$	\leq		$\geq \leq$	$\geq \leq$	$\geq \leq$	\geq	\geq	\geq	\geq		1.0	
	3.2	27.1	41.7	19.8	1.9	.2		i		Ī		100.0	8.1

TOTAL NUMBER OF OBSERVATIONS 90

USAFETAC FORM 9-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

JATA PRICESSTIG THATCH ETACTUSAF ATRILEATHER SEPVICETMAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

34055	HAHR AR/HUTSPUCK SERMANY	-70 -77	447
STATION	STATION NAME	78285	Monte
	ALL	#F_THF=	1205~1400
		CUIS	HOURS (L S Y)
		CONDITION	

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPLED
N	, t	1.7	2.0	• 7						·		5.0	7.3
NNE		1.2	2.0	ذ و					;			3.9	7.2
NE	• 2.	9	1.0	• •								2.5	3.0
ENE	• 2	2 .	• 9	1.4,			• 1					3.1	12.0
E	.3	1.3	1.2	1.7								4.5	3.5
ESE	•1	1.9	2.1	1.4	- <u>- 1</u>				1			5.6	3.5
SE	.4	1.0	2.0	•0				: -	1	,		4.5	7.0
SSE	• 2	1.0.	2.3.	• 1					:			3.7	7.3
S	• 2	1.1.	• 9	i					!			2.3	6.7
ssw	•1	• 5	_ • ? ;	• 0					1	1		2.3	ಕ್ಕಿಕ
, wz	1	.2	1.3	1.9				9	T			3.4	10.9
WSW	- 2	1.7	2.3	3.5	.2.					i		B.O	10.0
w	•5	2.7	6.1	2.7			;			,		1 12.0	8.6
WNW :	•1	1.8	1.3	• 4				1	1			3.7	6.9
NW	.7	1.1	• 8	• 3				:				2.9	6.0
NNW '	.71	1.3	1	•4!		ı			T	·		₹ 4.0	6.6
VARBL ;	2.3	7.0	11.0	5.9	.4			1	1	1		26.6	8.0
CALM		$\geq \leq$	\geq	$\geq <$	\geq	$\geq <$	\geq		\boxtimes		$\geq \leq$	1.3	
	7.3	27.1	40.4	22.0	, 9	• 2	• 1					100.0	8.1

TOTAL NUMBER OF OBSERVATIONS

USAFETAC $^{\rm FORM}_{\rm SA,~64}$ 0-8-5 (OL-A.) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PRUCESSING BRANCH ETAC/USAF BAHRASOTVESSING BAHRAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

34055 STATION	HAHR AR/MUNSRUCK GERMANY		TELES	ALBOR ALBOR
	ALL	euss cuss		1500-1700 10345 (LST)
		CONESTION		

SPEED (KNTS) DIR	1 - 3 .	4.6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	•	MEAN WIND SPEED
N	•5	1.7	4.3	<u>ۇ</u> ب								6.9	7.0
NNE	• €	2.0	3.1	• >		_		-				6.3	6 - 6
NE	• 3	. 8	1.5	•9	. 2				!			. 3.8	8.9
ENE	• 2	1.5	1.4	1.5	.1			!				4 • 5 .	8 • 8
E	• 5	2.5	2.4	. 7 :						,		6.2	7.
ESE	• 2	2.3	2.0	1.4				!				5.5	7.
SE	• à .	1.7	1.5.	•5.				1				4.1	6.
SSE	•1	.9.	1.7				:					2.7	7.
S	3	1.5:	1.7	•11			:				_	3.6	6.
ssw	• 2	. 8	•0.	اً ز و			1	,	:			1.9	7.
SW	3	.8	1.5	- 6				1				3.1	8.
wsw	5 ;	1.5	3.5	3.1			<u> </u>	T -	!			8.6	9.
w	1.2	3.2.	5.5	2.7				<u> </u>				12.7	8.
WNW	•31	1.9		• 2 1			T	ī —	1			4.9	6.
NW	• 2	1.8:		•6				ī				4.0	7.
NNW .	ا ذ.	1.5	1.2									3.2	6.
VARBL :	2.7	3.71	6.1	3.11	•1	.1				1		15.8	7.
CALM	$\supset \subset$		$\supset \subset$	><	> <				$\supset \subset$		> <	1.9	
	9.2	30.2	41.7	16.4	•5	,	T		 			100.0	7.

TOTAL NUMBER OF OBSERVATIONS 984

JSAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOCET

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DATA PRUCESSING PRAICH ETÁCILSAF AIR FEATHER SERVICEIMAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

34055 STATION	HAHN AP/HUNSRUCK GERMANY	20-77		YAn
STATION	STAT ON NAME		ARTER	BOATH
		ALL WILTHER		1800-2000
		CLASS		HOURS (L.S T)
		CONDITION		

SPEED (CNTS) DIR.	1.3	4 - 5	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 45	. 41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.5	3.4	3.1	+4								3.4	6.0
NNE	• 9	2.8	2.4	• 1								0.3	5.8
NE	• 0	_ 1.2	• 7	_•1								2.6	5.5
ENE	• >	1.7	3.1	1.0	• 1				i			7.1.	8.4
ε	. 1.>	3.4	2.0	• 1							-	7.1	5.5
ESE	1.5	2.6	+ 7	•-+				!	:			5.4	4.9
SE	1.3	3.2	• 7				,	:		~_~		5.7	4.5
SSE	1.3	1.3	• 5	,			•					3.2	4.5
5	.9	1.6	• 4_	• 1							ä	3.2	4.5
SSW	• 1	.9	• 4	_•1			,	1				1.5	5.7
\$W	.4	_ 3.2	2.7	• 4				1			4	5.6	6.6
wsw	1.5	3.1	3.2	1.1	. 1			!				9.0	6.9
w	1.7	4.6	3.3	1.7				Ī				11.2	5.7
WNW	. 5	1.9	1.3				1		1	'		4.0	5.5
NW	.5	1.3.	1.3	-•1			1					3.2	5.0
WNN	.51	8	• 8				1				1	2.1	5.6
VARBL	2.0	5	.7.	- 1						!	1	3.9	3.9
CALM	><	$\ge <$	$\geq <$	$\geq <$	$\geq \leq$	> <	\geq		\times			9.3	
	18.9	37.8	27.3	6-4	•2							100.0	5,4

TOTAL NUMBER OF OBSERVATIONS

DATA PROCESSING PRANCH ETAC/USAF AIR FEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

34005	HAHN AP/HUNSPUCK DERMANY	±a -77		3A /
STATAN	STATION NAME		YEARS	#047H
		ALL WELTHE-		2100-2300
		CLASS		HOURS ILST ;
		MOITIORO		

SPEED (KNTS) DIR	: - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	^ 33	34 - 10	41 - 47	48 - 55	≥ 56	*	MEAN W:ND SPEED
N	1.5	3.1	1.3	• 1				,				5.3	5.0
NNE	. 7	1.9	1.5	•1					_			4.7	5.8
NE	• 2	1.3	٠ż	44								2.1	5+0
ENE		1.1	2.5	•4				1				4.8	\$•Ó
Ε	2.0	2.5	1.7	. 4				1				٤.5	5.5
ESE	1	3.0	• 5	• 4								5.6	5 • l
SE	2.0	5,4	1.1					,				8.5	4.5
SSE	1.9	3.0	1.4						1			6.3	4.9
\$	1.3	l.ā	• 2	• } !								3.4	4.1
ssw	5	1.2	1.2	2				,				3.4	5.7
sw		3.1	3.2	• 0			:					7.7	5.3
wsw	.7	3.7.	1.9	_• ô	.1		-					7.0	5.5
w	2.5	5.0	4.3	1.2.					<u> </u>			12.9	6.3
WNW	1.4	1.5	1.9					<u> </u>	·	-		4.5	5.5
NW :	.5	1.1.	•5!					i	i			2.0	4.7
NNW	. 3	1,1					1			-		2.2	4.4
YARSL :	.5	•2		•5			1	ı				1.5	7.6
CALM	><		$\overline{}$	><	\geq	> <				\odot	><	10.2	
	19.0	39.7	24.9	5.4	-1			l				100.0	

TOTAL NUMBER OF OBSERVATIONS 846

USAFETAC $\frac{\text{FORM}}{\text{RR}}$ 0-8-5 (CL+A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

	MANUAR / MUTSPUCK OF RMAIN	<u> </u>		4A Y
STATION		All at THE	TELES	
		CUM CUM		SCHOOL ST
		CONSTRUCT		

SPEED KNTS) DIR	1 - 3	4.5	7 - 10	11 - 16	17 - 21	22 - 27	ŹZ - 33	34 - 40	41 - 47	43 - 55	≥56	•	MEAN WIND SPEED
N	1.0	2.3	2.5	- 4								6.1	5.3
NNE	•>	1.6	1.5	• 2								4.4	6.4
NE	في و	1.0	• 8	. 4	<u>.</u> 0							2.5	7.2
ENE	•2	.9	2.1	٠.٠	•1	• •	ن و					4.4	8.8
E	è	2.5	2.1	• 9	•0							. 5.1	7.0
ESE	1.5	2.3	1.4	• *	.0							5.5	6.3
32	i.5.	3.5	2.1.	: ذ •								7.6	5.7
SSE	_ 1.1	1.9	2.0	•1								5.1	3.9
S	• 7	1.1	• 9	• 2 !	,ე							Z . E !	5.9
SSW		- 8	• 9	• 6	1							2.5	9.3
SW	3	1.0	1.9	1.0	,1							4.9	5.0
wsw	.7	2.6	2.5	1.8.	1			<u> </u>				7.9	7,9
w	1.5	4.6		1.6	.0			:				13.2	7.2
WNW .	.7	2.2	1.4	2	.0		:	:	•			4.5	
NW .	- 5	1.3					i .					3.0	6.1
NNW	.6	lel	•9	-1	.0		<u> </u>			,		2.7	5.9
VARSL	2.1		3.9	2.1)						10.7	7.3
CALM		$\geq \leq$	\geq			\geq	\geq	$\geq \leq$	\geq		$\geq \leq$	6.2	
	13.9	33.8	33.5	11.5	. 5		•0			1		100.0	5.5

TOTAL NUMBER OF OBSERVATIONS

USAFETAC FORM 0-3-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE DESOUTE

HATA PROCESSING PRAISH ETAC/USAF AIR EATHER SEPVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED FROM HOURLY OBSERVATIONS)

3-,755 PC 1418	HAHN AN / HEMSPUCK GERHANY	55-69,71-77	FARS	JU; 4
		L AF, THIS CLASS		0000-0200
		COMPLY ON		

SPEED : (KNTS) : DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 55	≥56	*	MEAN WIND SPEED
N	1.0	3.2	2.2	• :		<u> </u>				1		7.5	5.8
NNE	1.7	4.2	1.5	• 7.			1	1				7.7	5.1
NE ;	. 4	1.0	•0									2.0	5.4
ENE	• 0	,9	1.4			Ĭ	1					2 • 8	5.9
E	2 •	1.9	1.0	• ,			1				i	5.7	4.7
ESE	2.	1.0	• 2				T	Ī				4.0	3 • 2
5.5	1.1	4.2	1.9					1				7.8	4 • ਹੋ
SSE	1.2	1.5	10!									3.8	5.0
S		. 4	• !						l	i		1.2	4.2
ssw	• 5	,6	• 4	• ì		Ĭ						1.6	5,5
sw	• 6	<u>د ی ک</u>	1.4	1.0			i		1.			5.3	7.0
₩s₩	1.7	() و د	2.1	• 9	[7.7	5.2
w	2.7	7,7	3.6	2.0					Ĭ			15.8	6.3
'VNW	1.4	3.3	1.2	• 1		L						6.0	5.0
NW	1.4	1.7	• 7	• 9	Ī	T						4.2	5.3
NNW	1.0	1.2	• 1	- 1			T					2.5	4.6
ARBL	2.0	1.1	1.2	e ì								4.4	5.0
CALM		$\geq \leq$	$\geq <$		$\geq <$							10.0	
	23.8	30.6	20.9	5./								102.0	4.9

TOTAL NUMBER OF OBSERVATIONS

US. SEETA , FORM 0-8-1 (OL-A) PREVIOUS ECITIONS OF THIS FORM ARE OBSOLETE

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JATA PROCESSIAS ARAGO ETÁCZOÁF 112 - EAPTAR SERVICEZAR

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

34055	HAHN AS /HUNSSUCK GERMANY	<u> </u>	يال. ۽
STATION	STATION NAME	TEARS	HORTH
	AL	L AFLITHER	0300-0500
		CLASS	HOURS (L S T.)
		CONDITION	

SPEED (KNTS) DIR	1 - 3	4.6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	**	MEAN WIND SPEED
N	1.4	3.0	1.5	• (-			!					7.0	6.0
NNE	. 6	2.6	1.7	_•1				!				5.3	6.1
NE	ا به و	1.8	؛ خ•									2.9	5.0
ENE		.9	1.0	- (1		!	!	!				2.5	5.3
ε	1.4	2.6	1.5	• 1			1					5.5	5.3
ESE	1.7	3.0	اخ ه				ł					5.0	3,0
SE	2.0	3.9	1.7	• 1		İ						8.2	4.8
SSE	1.4	l.ó	.7	• 2				[3.9	4.6
S	• 1	5	• 5	• 2			ĭ					1.3	7.4
SSW	1	1.0	• 5	• 0		1						1 7	5.9
SW	• ?	1.5	8.				Ī			<u> </u>		2.9	5.7
wsw	1.2	3.2	1.6	1.1		i		1				7.4	6.5
w	3.4	6.8	5.0	_•5								15.9	5 • 8
WNW	1.5	2,7		_•2								7.0	5.7
NW	• 0	1.3	.7			I				!		2.7	4.8
WNN	.9	. 8	• 5				T					2.3	4.7
VARBL	1.3	1.5	1.0	- • 2						i _		4.0	5.3
CALM		\geq		><	$\geq <$		\geq	\geq			\geq	13.6	
	20.3	38.7	22.8	4.5				1	1			100.0	4.8

TOTAL NUMBER OF OBSERVATIONS

USAFETAC FORM 0-3-5 (OL-A) previous editions of this form are obsolete at 64

DATA PROCESSING RRANCH ETÁCZUSAF AIR FEATHER SERVICEZMAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

34355 STATION	HAHN AR/HU, SPUCK GERMANY	od=77	JU-;
	ALL	- This cuss	0600-0800 HOURS (LST)
		NATIVAL	

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 · 55	≥56	*	MEAN WIND SPEED
N	•)	3.0	2.1	• 5								7.2	6.5
NNE	. 7	3.1	2.4	• 3			'		!			6.5	6.3
NE	1.3	•6	• 5	•1		;						2.4	4.7
ENE	• 5 ;	1.0	• 9	• ¿		:		-				2.6	0.3
E	1.1	2.5	3.2	• 5					:	:		7.3	6.5
ÉSE	1.5	3.0		• 3								6.7	5.5
SE	1 4	4.1		• 2			1		i	1		7.9	5.6
SSE	1.3	1.8	2.1	• 1		1	1		T	1		5.3	5.9
S	• 6	, 2	+ 5	٠ .			 -			1		1.6	8.1
SSW	•1	.5	• 5	ر ۽								1.6	8.5
SW	• i	.7						•	T	i		2.7	8.5
wsw	. 5	1.0	2.9	• 8			<u> </u>		i			5.8	_7.7
W	1 . 1	7.4	2.3	1.0		1	T		,	1	-	16.0	6.6
WNW	1.1	2.4	2.3	۶.		1	Ī		I			6.1	6.1
NW	.5	1.5				T	 				!	4.0	6.6
NNW	. 5	1.7	• 6							i ——		3.3	5.9
VARBL	1.9	3.0	3.7					!	T			9.9	6.7
ALM		> <										3.1	
	15.4	38.Ç	34.7	8.7	.1							100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 87

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PRICESSING PRANCH FTAC/USAF AIR *EATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

3435,	HAHI. AT / HUNSPUCK GERMANY	Ko=77	
STATION	STATION NAME	TEAST	MONTH
	011	CLASS	0900-1100 HOURS (L S T)
		CONSTITUT	

SPEED (KNTS) DIR.	1 - 3	4.6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	• 0	2.7	4.5	• 6								3.0	5.5
NNE	٠.3	2.1	4.1	. 2								6.7	7.2
NE	• 2	.9	•4				-					2.3	5.7
ENE	• 2	1.7	∙ä	• (3				!				3.3	7.0
Ε		. 8	3.1_	1.5			1	<u> </u>	<u>!</u>			5.8	8.8
ESE	• 2	.8	•9	• 1				1	<u> </u>			2.6	
SE	3	1.6					<u></u> _	<u> </u>	<u> </u>			4.1	7.1
SSE	• 2.	1.5	1.1				·		<u>!</u>	<u>. </u>		3.1	6.7
<u> </u>	• 5	.81	<u> </u>	•5		<u> </u>	 -	<u>i</u>	ļ	` -		2.4	7.5
SSW	•	.2		٤٠			<u></u>	<u> </u>	<u> </u>	!		. 9	3.0
sw	!	.5	1.5				<u> </u>	<u>!</u>	<u> </u>			3.5	10.3
WSW	- 2	1.3	2.3	1.7	. 2		<u> </u>	<u> </u>	ļ <u> </u>	<u> </u>		5.7	9.2
w	9	3.5	0.3	2.9	.1	<u> </u>		 	!	<u> </u>		13.7	3.2
WNW	1.0	2.2	2.1			<u> </u>		<u> </u>				5.3	<u>5.9</u>
NW	- 3	1.3	1.4			İ	<u> </u>	<u> </u>				3.0	6.1
NNW	.9	2.4	•7	• 6			<u> </u>	ļ	<u> </u>	·		4.6	5.9
VARBL	1.9	5.1	12.7	2.7			ļ	 	Ļ		<u> </u>	22.6	7.6
CALM	$\geq \leq$	$\geq \leq$	$\geq \leq$	\times	$\geq \leq$	$\geq \leq$			<u> ></u>		\sim	2.4	
	8.6	29.3	44.3	14.7								100.0	7.4

TOTAL NUMBER OF OBSERVATIONS 876

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING TRANCH ETAC/USAF AIR EATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

34055	HAHR AR/HUMSRUCK CERMA Y	59-77		
STATION	STATICH NAME		TEARS	#C#Y#
		ALL WINTERS		1200-1400
		CUSS		HOURS (LST)
		COMBITION		

SPEED (KNTS) DIR	1.3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	; %	MEAN WIND SPEED
N	• 5	3.1	4.5							······································		8.0	5.3
NNE	• ‡	1.9	2.2	• 7	• 1							5.0	7.6
NE	•2	1.5	1.4	• 3								3.4	7.0
ENE		1,4	1.3	٠ ١								3.0	7.5
ε	• 5	•7	3.3	1.7								5.2	5.9
ESE	• 1	1.6	1.6	• •								3.0	6.7
SE	• ¿	1.1	• 7	• [.								2.2	5.1
SSE	٠Ž	1.5	• 7	• 2			!					2.9	5.4
5	• 1	• 5	- 5	-1								1.6	6.9
ssw	.5	.3	• 2	• 3					_			1.4	7.3
SW	+2	.2	1.3	1.5	• 1							3.1	10.4
wsw	• 6	1.3	3.7	3.1					_			8.2	9.5
w	9	2.3	4.5	3.0				,				10.6	8.6
WNW	•7:	2.1	1.8	•1				,				4.7	6.1
NW	1	2.1	1.9				Ī	:	1			+.1	6.3
NNW	• 5	1.1:	2.1					:	i	1	·	3.7	6.8
VARBL .	1.4	7.1	12.9	5.5	• 2			1				27.1	8.2
CALM	$\geq <$	$\geq \leq$	$\geq \leq$	$\geq \leq$	\geq	\geq	\geq	\geq	\geq		\geq	2.1	
1	6.3	29.8	43.6	17.0	.5		1					100.0	7.6

TOTAL NUMBER OF OBSERVATIONS

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

JATA PROCESSING TRANCH ETACYUSAF AIR EATHER SERVICEY-AC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

34055	HARN AF/HU SPUCK GERMANY	51,-77		Ju.
STATION	STATIGM NAME		YEARS	40eTH
		all of Thir		1500-1700 HOURS (LET)
		CONDITION		

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.2	4.4	3.4				:					9.6	_ 5.1
NNE	. 4	3.9	4.7	• 5				,				8.6	7.3
NE	•	,9	1.7	• 0			,	1				3.2	8.5
ENE	• 4	1.2	1.3	1.4	• 1			1	:			1 4.3	8.5
E	• 5		3.0	. 7		•—				·	•	5.2	3.2
ESE		.9	• 5	• 1		,						2.0	5.2
SE	•	1.9	1.2					T				3.0	5.1
SSE	. 4		• 0	• 1		1				,		1.9	5.7
s	•1	1.2		• 4		,		<u> </u>	;	······································	-	1 2.3	7.4
SSW		•1	• >	• 2		!			:			1 •8	0.4
sw		.4				!						3.5	10.8
wsw		1.5	4.8	1.6		:	<u> </u>	1			1	8.0	8.7
w				2.1		1	T	Ī		:		12.6	7.7
WNW		2.8	1.3	•4		ı		T	<u> </u>	1	1	5.0	5.7
NW	.4	1.9	1.2					i	ì	i	1	9 3.4	5.7
NNW	.7		2.0	•2	• 1	i		 		:		4.7	6.4
VARBL	1.3	6.8		2.9	,1			† 		1	1	20.1	7.0
CALM							\geq				\geq	1.4	
	6.9	34.5	42.7	14-1	.4						i	100.0	7.3

CHARLES OF CASERVATIONS

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USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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Y. B.S. Mari

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DATA PRICESSING PRANCH ETACYUSHE AIR +EATHER SEPVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

34055	HAHN APZHUNSPUCK GERMANY	26-69,71-77	JU,;
STATION	STATION NAME	TEARS	MONTH
	, A	LL ME Trick	1800-2000
		(US)	HOURS (L.S T.)
		CONDITION	

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.1	5.0	3.0	• 6					!			12.0	_5•
NNE	• 4	4,3	3.0	• 4					<u> </u>			3.6	5.
NE	• 0	1.4	1.1	•4				!	1			3.5	6.
ENE	- 4	2.1	2 · i	• 7			,	1	Ī			5.3	7.
E ;	٠,5	2.0	1.1	•1.								4.1	5•
ESE	• 4	1.4	• Z				-	1	i			2.5	4.
SE	1.2	3.1	. 9					i !	i			5.2	4.
SSE	1.5	1.0	•1						ı	!		3.2	3.
S ;	+4	1.2	• 2					,		ii	1	1.9	4,
ssw .	_ • 1	.9	1.2	• 6					1	ĺ		2.5	7.
SW :	•1	2.5	2.0	• 7						i		5.3	7.
wsw 1	1.2	1.9	2.5	• 4	• 1	i		i	1			6.0	- 5
w	1.9	6.0	4.3	• > !				1	!		,	13.2	6.
WNW !	2.3	2.0	1.0		.1				<u> </u>		1	5.4	4,
NW .	. 21	2.2	0	• 7				1		:		3.3	5,
NNW	1.5	1.6	•9	•0							1	4.6	5,
VARBL	2.5	1.7	1.0	1.2				·		i		7.0	6
CALM		><	> < 1		> <		$\supset <$					6.4	

TOTAL NUMBER OF OBSERVATIONS

USAFETAC FORM G-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PR. CESSING TRA CH ETAC/USAF AIP EATHER SERVICE/ AC

HARK ANTHONSPUCK GERMLAY

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

					ALL NE	LASS						2100 HOUR	8
	_				co+	NOITION				-			
SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	
N	2.1	2.3	1.9						;			9.3	-
NNE	.9 !	5.3	2.1									8.3	Ì
NE ,	.41	1.9	• 7						!			3.0	Ī
ENE	• 5	•9:	3.2								1	4.7	i
€ .	1.0	1.9	1.7	. 4		1			!			4.9	1
ESE 1	2.6	•6								:		3.7	I
SE ,	1.0	3.1	1.0					i		, :	1		Ī
SSE	2.1	1.5	• 4					Į		:	1	4.1	Ì
S i	0	1.7		• 1						,		2.7	į
_ssw ¦i	. 5	1.2	• 6	•2					i			2.5	1
sw !	-2	2.8:	1.2	• 6					I		1	4.9	
wsw	1.7	3.1	2.3									7.5	Ì
w 1	3.0	5.7	4.2	•9								13.7	
WNW	1.01	3.1	.4] [5.1	
NW	1.5	1.6	. 4			1						3.8	j
NNW	.7	1.4	ڌ ۽					<u> </u>		<u> </u>		2-6	
VARBL	1.4	1.6	1.4	• 7						1		5.1	
CALIA	$\times \bigcirc$	> < 1	><	><		$\triangleright <$	$\geq <$				><	8.4	
						T		T					1

TOTAL NUMBER OF OBSERVATIONS

USAFETAC FORM RE 64 0-8-5 (OL+A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

3

JATA PROCESSING PRANCH ETAC/USAF AIR *EATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

34055	HAHIY AR / HU' SRUCK GERMANY		JU _i ,
STATION	STATION NAME	TEARS	MINOM
	<u> </u>	ME_THEK	ALL HOURS (LST.)
		CONDITION	

SPEFD (KNTS) DIR	1.3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.5	3.8	3.1	• 3			-	1	:	1		8.5	6.0
NNE	• 5	3.3:	2.5	• 3.	.ç		1		ļ		i i	7.1	6.4
NE	•5!	1.2	•9					Ī				2.8	6.3
ENE	. 4									;	!	3.6	7.1
E	. 1.0			.7			1	1 —				5.6	გ. გ
ESE	1.2	1.6	• 7	• 2					1	1		3.7	5.0
SE	1.1		1.4						1			5.5	5,3
SSE	1.0			• 1			1		:	Ī		3.5	5 • 2
5	ا ف	. 5		• 2	.0		1	i	:			1.9	6.3
SSW	3			• 3				i			1	1.8	7.1
sw	.21				•0							3.9	8.4
wsw	.9:	2.1	2.5	1.3	.1				1			7.0	7.5
w	1.9	5.4	4.9	1.7	.0				1		1	13.9	6.8
WNW	1.3	2.6	1.0	• 1	,0							5.6	5,5
NW	.0	1.7	1.1	•1						į		3.6	5.8
WNN		1.5	1.0	. • 2	.0				T -			3.5	5.8
VARBL	1.7	3.5	5.5	1.9	,1				1	1		12.7	7.3
CALM		><	> <	><		> <				$\supset <$		5.9	
	15.2	36.7	32.7	9.4	, Z							100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 6788

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE COSCUETE

JAIA FRUCESSING TKA CH ETAC/USAF AIR LEATHER SERVICE/TAC

SURFACE WINDS

PERCEN AGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

34055	HAHR ATTHUNSPUCK GERMANY	5a-69,71-77	jυį
STATION	STATICM NAME	TEASS	MONTH
		ALL AFLITHER	0000-0200
		CLASS	HOURS (L S T)
		CONDITION	

SPEED (KNTS) DIR	1 - 5	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 · 55	, ≥56	*	MEAN WIND SPEED
N	1.6	3.0	1.9									6,5	5,3
NNE	1.1	1.8	• 5			7						3.5	4.9
NE	1.1	. 8	• 4									2.3	3.9
ENE	• c	•4	• 6								•	1.5	5.8
ε	. 2.3	2.5	• 2			:					1	5.0	4.0
ESE	3.8	1.8	.5									6.1	3.3
SE	2.3	3.3	. 5					-		,	;	6.3	4.3
SSE	1.7	1.0	1.1			į			:		:	3.7	4.7
S,	1.1	.7:	-5			i				-	!	2.3	3,9
ssw .	. 7	.5	• 7	• 2		Ţ		:		1	1	2.2	6.3
sw '	1.6	1.4	•5	• 5			;		1		1	3.3	5.7
wsw	2.5	3.6	1.3	• 2		ī					:	7.7	4.5
w	4.01	9.6	4.9	1.0		!		:	i		:	20.0	5.5
WNW .	4.21	2.5	•6			1		:			i	7.3	3.6
N/A	1.2	1.9	•7	•1		1			:		!	3.9	4.8
NN A	1.9	1.6	•2	•1		1		:	İ		1	9 4.1	3.8
VARBL	1.01	.21	•7	•4						1		2.3	5.9
CALM	$\supset \subset$	> <	\times	><	$\geq <$							11.8	
	32.4	3ó.8 l	16.1	2.8								100.0	4.2

TOTAL NUMBER OF OBSERVATIONS 836

USAFETAC FORM 0-8-5 (CL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

. 1995 -

DATA PRICESSING RRANCH ETÁCZUSAF AIR ZEATHER SERVICEZMAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

3405 ⁴	HAH., A?/HUMS? CK GFRMANY	<u> 77</u>	YELDS	JJ: BORTH
		CLASS CLASS		9300-0500
		COMD-730N		

CPFED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥54	•	MEAN WIND SPEED
N	1.2	١,١	1.2	• 3								5.9	5.6
NNE	ن و	1.3	<u>. ;</u> .									2.8	5.3
NE	٠.٢								1			1.4	3.7
ENE	. 3	. 5	• 4						1			1.3	4.7
E	1.4	1.0	• 4									3.2	3.9
ESE	3.6	3.2	.4	.;								6.0	4.0
SF	2.7	4.4	2.0,	• 3					,			9.4	5.0
SSE	1.2	1.1	+4						,		,	2.8	4.1
S	.7	• 3 .	• 3						ş			1.3	4.0
ssw	. 4	•7	• 3	• 4					•	1		1 1.9	6.3
sw	1.1	2.0	1.4	• ti								5.3	6.5
wsw	2.3	3.5		•1								8.1	5.2
w	4.2	9.5	6.5	1.6			:	ı	•	-		22.5	5.9
WNW ,	3.1.	3.3	1.2	• 1		:				!	-	7.8	4.5
NW .	1.0	1.2	• ô			!				1		3.8	4.9
NNW	.7	1.1	•4				<u> </u>	1	:	}		1 2.3	4.9
VARBL	1.2	.21	• 2	• 2						1		1.9	
CALM		$\ge <$		><	\geq				\geq			12.6	
:	26.5	38.0	18.9	4.0								100.0	4,5

TOTAL NUMBER OF OBSERVATIONS

USAFETAC FORM 0-8-5 (CL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING TRANCH ETACHOSAF AIR EATHER SERVICEHHAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

34535 STATION	HAHA AS/HUNSPUCK GERMANY	7: -77	JÚL BOATH
		CLUSS	0500-0900 HOURS (LST.)
		CONDITION	

SPEED 'KNTS: DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N	1.1	3.2	2.9	• 4								7.5	6.
NNE	÷ Ü	2.4	• 7									3.7	5.
NE	• 1	1.1	ۇ .	-1:								1.7	5•
ENE	• 4	5.	•¢					1				1.6	5.
E	1.0	2.8	3.									4.5	5.
ESE	1.3	2.9	1.2	• -4	,			,	:			5.9	5•
SE	1.5	3.3	3.4.	1.5				ļ				3.7	5 •
SSE	1.0	1.6	1.0	- • 2					ı			3.9	5.
S	• 1	2	• 3					!				.7	
ssw .	• 1	.4	• 4	.4,								1.4	8.
SW "	• ¢	1.7	• 8	• 5	. 1							1 3.9	7.
wsw ,	. 3	2.7	3.2	1.1			!		-			÷ 7.9	7.
w ",	1.4	7.4	0.1	l.d	• 1			1				16.8	5.
WNW i	2.0:	3.2	1.8	• 4					1	1		7.8	_ 5•
NW -	1.0	3.2	1.9	• 1				1	1			6.2	5.
WMM	. 9	1.81	1.0	• 1			i		<u> </u>			3.8	5.
VARBL :	3.7	2.5	2.7	•0				i -				9.4	5.
CALM	><	$\geq \leq$	\geq	> <	\geq	$\geq \leq$	\boxtimes	\boxtimes			$\geq \leq$	4.8	
	16.7	41.7	29.0	7.3	. 2							100.0	5.

TOTAL NUMBER OF OSSERVATIONS 903

USAFETAC FORM 0-9-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING PRANCH ETAC/USAF AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

34035 station	HAMM ARTHU SPUCK FREINY	<u>-577</u>	3	JU ₁		
		cus				
	66	NOITCH				

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	1: - 10	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N	١.٣	4.0	2.5	• 3								8∙3	5,9
NNE	• 2	2.2	2.3									4.8	6.4
N.E		1.0	•1	•1								1.2	5 • ⁵⁴
ENE	• =	.7	+7	• 1								2.2	5
E	• 2	1,1	• =	• 6		_						2.9	7.6
ESE	• 0	1.3	1.1	• 3								3.5	5.9
SE	.4	.8	1.7	1.1								4.0	3.2
SSE	2	1,1	1.3	. ق								3.G	7.3
\$	• 3	.4.			1							. 9	5.9
S5w	• 2	.1	• 2	د ه						,		.9	7.8
w2	• 1	.9	• 5	1.3	•2		,					3.1	10.5
wsw.	. 4	1.2	2.4.		.1	. 1	•1			· · · ·		5.9	9.5
w	• 7	4.1.	8.3.		. 1							16.2	8.2
WNW	.31	3.7	2.5		•					,		7.2	6.0
NW	9	2.5	2.2	•1					!			5.8	6.1
NNW	1.1	2.1	1.1					i	!			1 4.4	5.3
VARBL	4.0	7,5	9.7	2.0					<u></u>	1		23.3	6.4
CALM		$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	\geq	$\geq \leq$	\geq	\geq		$\geq \leq$	2.5	
	12.0	34.8	37.7	12.3	6		•1		!			100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 903

USAFETAC FORM 9-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PRICESSING TRAICH ETACYUSAF AIR EATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

3475E	HAHN AF/HUTSPUCK OFRHANT	· , •77	JJL
STATION	STATIGM MANE	18762	egets
		A Tris	1200-1400
		(3931° Ç4	

SPEED (KNTS) D.R	1 - 3	4 - 5	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	•	MEAN CAIW CIBS
N	1.1	3.5	3.1	• 2								8.0	5.3
NNE	• 4	2.7	1.7	· i								4.7	6.4
NE		1.3	1.2	• 1								2.7	5.9
ENE	• 2	.3	•7	+1								1.3	5.7
E	د .	1.4	1.03	•5								3.7	7.2
ESE	.5	.7	1.2	• &								. 3.0	7.5
SE	• 1	1.0	• 5	• ٤				:				2.2	8.3
S>E	. 3	•6	• 5	• 1								1.6	5.7
s	• 2	• 3	•7									1.2	
S5W	3	-1	• 7	• 6								1.5	6.0
SW	à .	•2	• 7	1.2	, 1				,			2.2	11.5
wsw	.7	1.0	402	1.7	٠.٤	• 2	1	;				6.0	_9.5
*	5	4.0	7.5	3.9	. 3	• 1		<u> </u>	•			16.5	8.6
WNW	- 2	2.3	2.5	. 4								5.8	7.0
NW	5			7				<u>i</u>	!			4.2	5.6
NNW	.3!	2.9	1.6	- 2				1				5 ?	6.1
VARSL	2.7	9.9	11.0				I	İ				25.4	6.9
CALM		> <	><	$\geq <$						><	$\geq \leq$	1.7	
	8.6	33.8	41.4	13.5	.7				İ	· iconius		100.0	7.3

TOTAL NUMBER OF OBSERVATIONS

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLFE

DATA PRICESSING PRANCH ETÁC/USAF AIR FEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

34055	HAHN AS/HUNSBUCK GERMANY	56 -1 7	յսլ
STATION	STATION NAME	YEARS	MONTH
		LL wf_THra	1500-1700
		CLISS	HOURS (L.S T.)
		CONDITION	

SPEED (KNTS) DIR	1 1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40		48 - 55	≥56	*	MEAN WIND SPEED
Х	. 7	4.1	4.1	•1				!				9.0	0.2
NNE	5.	3.1	1.9									5.9	5.8
NE	•1	1.8	3∙€									3.7	6 • 4
ENE	• 2	,7	• 9	• 2					I			2.0	7.3
Ę	. ۋ	.7	2.0	• 2				İ]		3.4	7.3
ESE	•1	. 5	1.5	• 7								2.7	8.5
SE	.6	.9	1.0							1		2.5	5.5
SSE	• 0	-1	• 5									1.4	4.5
5	٠ ق ٠	.0	.7	1				<u> </u>	<u> </u>			1.7	6.6
ssw	. 3	- 5	• 3	• 1		<u></u>		<u> </u>	<u> </u>			1.7	6.5
sw	<u> </u>	٠۶.	1.4	• 7	.1					1		3.1	8.9
wsw	.2	1.1	3.1	1.8				<u> </u>	<u></u>			6.4	9.1
w	1.5	5.3	10.4	3.6				<u> </u>		<u> </u>		20.5	7.7
WNW	.9	3.5	2.2					<u> </u>	1			6.9	5.2
NW	9	1.5	1.9	. 3				<u> </u>	<u> </u>	<u> </u>		-07	6.4
NNW.	. 6	1.8	1.4	. 3				<u> </u>	<u> </u>			4.1	- Kel
VARBL	3.7	6,6	6.4	2.0				<u> </u>	<u> </u>	<u> </u>		13.7	6.4
CALM	$\geq \leq$	> <	$\geq \leq$	$\geq \leq$	$> \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$		$\geq \leq$	1.6	
	12.3	33.6	41.9	10.0	.7							100.0	_6.9

TOTAL NUMBER OF OBSERVATIONS	881
	50

USAFETAC 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

JATA PROCESSING TRANCH ETÁCZUSAF AIR EATHER SERVICEZ AC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

34055	HAHN HATHU'SPUCK GERMANY	gå-69,71-77	;	ქან
STATION	STATION HAME		YEARS	MONTH
		all wenther		1966-2000
		CLASS		HOURS (L.S T.)
		CONDIT ON		

SPEED (KNTS) DIR.	1-3	4 - 6	7 - 10	11 - 16		22 - 27	28 - 33	34 - 40 i	41 - 47	48 - 55	≥56	g	MEAN WIND SPEED
N ,	2.3	5.9	1 • č					i		1		9.9	4.5
NNE	1.5	4.9	2.2							:		3.5	5+2
NE	1.1	2.7	• č					1				4.7	4.7
ENE	• ජ	1.8	• 7	• 2								3.6	5.8
€ .	1.3	1.2	1.0							1		3.5	4.0
ESE 1	1.0	1.8	•5	•:					1	;		3.5	5.0
SÉ	• 3	1.6	• 1					!	1			2.5	4.0
SSE :	1.6	. 8	• 2			l		1	1			2.5	3.7
5	• 3	1.0	• 1					:	:	<u> </u>		2.0	4.2
ssw '	ا ه و		• 6	• 1				ļ				2.4	5,3
sw	• 0	1.9	1.0	•1	·							3.6	5.6
wsw :	1.0	2,4	1.0	• 5	-1			<u> </u>	·			5.5	6.2
w!	3.8	8.0	4.9	• 4				<u> </u>				17.1	5.3
WNW	3.7	2.9	• 7	1.1	•1					<u> </u>		8.5	5,4
NW	1.3	2.2	1.3	•4		<u> </u>		<u> </u>	<u> </u>			5.1	5,6
WNN	1.0	1.3	1.0	• 2					<u> </u>			3.5	5.5
VARBL	2.0	1.1	•6					<u> </u>				4.4	3.8
CALM	><	$>\!\!<$	$>\!\!<$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$		$\geq \leq$	><	$>\!\!<$	9.1	
	25.8	42.4	19.1	3.3	.2							100.0	4.7

TOTAL NUMBER OF OBSERVATIONS 837

DATA PROCESSING PRAMCH ETĀC/OSAF AIR WEATHER SERVIÇE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

34055	HAHN AR/HUNSRUCK GERMANY	50-69,71-77	
STATION	STATION NAME	YEARS	MONTH
		ALL RESTREE	2100-2300
		CLASS	HOURS (C S.T.)
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	z8 - 33	34 - 40	41 - 47	48 - 55	≥56		MEAN WIND SPEED
N	2.7	0.1	• È									9.3	4.5
NNE	1.2	2.9	. 4									4.4	4.6
NE	1.1	1.2	• 4					!				. 2.6	4.2
ENE	6	1.4	1.2	-1		1						3.3	5.9
ξ	2.2	1.7	• 1							1		3.9	3.5
ESE	1.3	1.7	. 4									3.3	4.0
SE	2.5	2.5	1.0	• 2				ļ				6.2	4.7
SSE	1.1	1.2	•2	i				1				2.5	4.2
5	-4	1.3	• 1							1		1.8	4.8
ssw	1.0	1.2	. 4			<u> </u>		<u> </u>	1	1		2.5	4.4
sw	1.0	1.2	1.1	• 1		i			i		5	3.3	5.7
wsw	2.5	2.0	1.7	•6		ì						6.8	5.1
w	5.9	7.3	3.5	• 2 !								16.8	4.7
WNW	3.1	2,4	1.0	•2								5.7	4.5
NW	1.5	1.2	• 0	• 2					!			1 3.6	4.7
WMM	1.8	2.7	•5	•1			Ī					5.1	4.3
VARSL	1.6	.2	•1	•4			i		I	<u> </u>	i	2.3	4.9
CALM	$\geq <$	$\geq \leq$	><	$\geq \leq$	$\geq \leq$	$\geq \leq$	\geq		\geq			15.3	
	30.9	38.2	13.3	2.3								100.0	3.9

TOTAL NUMBER OF OBSERVATIONS 837

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

JATA PROCESSING RANCH ETAC/USAF AIR - EATHER SERVICE/ 4AC

> sw wsw

WNW

NW

VARBL

2.3

2.2

1.0

3.1

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

34055	HAHM	43/HUN	SRUCK	GERMAT	Υ		23*	77					J	٠/Ļ
STATION	·		STATION	MAME						YEARS				ONTH
		_				ALL WE								<u>LL</u>
						c	LISS						AOURS	(LS T.)
		_				con	DITION			 -				
		_												
	SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
	N	1.5	4.1	2.3	• 2		 	! !	!				8 • C	5.5
	NNE	• È .	2.6	1.3	•0					Ĭ			4.8	5.5
	NE	.5 !	1.3	•0:	• •				:		;		2.5	5.3
	ENE	•5	.8.	.7							:		2.1	5.9
	E	1.1	1.6	• d	5.0		,		1	1	 		3.8	5.3
	ÉSE	1.4	1.7	•9	خ. و		i	1		:		-	4.4	5.2
	SE	1.3	2.2	1.3:	• 4					i	:	ŧ ,	5.3	5.7
	SSE	1.0	.91	•7							i i	1	2.7	5.1
	S	.5	.6	• 3	• ()	•0	1	i	!				1.5	
										1	1	1	1 0	. ~

·		<u> </u>	_i	1.8	6.3
				3.5	7.5
			!	7.6	7.1
		<u> </u>	1	18.2	6.6
				7.2	5.4
				4.7	5.7
				4.1	5.2
		1	1	11.3	6.2
\times	$\geq \leq$			7.3	
		1		100.0	5.6

TOTAL NUMBER OF OBSERVATIONS

7003

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0.0

1.0

1.4

1 • à

.4

TATA PROCESSING RRANCH ETÁC/USAF AIR REATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

34355 STATION	HAHM AR/HUMSPUCK GERMANY STATION HAME	<u>77</u>	TEARS	AU
		TIL ME THE		0000-0200
		· <u> </u>		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 • 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.9	2.5	.4			-						4.8	3.9
NNE	. •>	1.9	• 2						;	,		2.7	4.4
NE	• 4	•6	ا ق							;		1.6	5.1
ENE	• 0	1.1	• 5 '									2.4	4.9
E	2.7	3.4	• 5						:			6.7	4.1
ESE	3.3	2.8	. خ	• 1	· —	;				1		6.8	3.5
SE	3.7	4.1.	1.2			ı				:		3.9	4.1
SSE	2.9	1,5	1.0							1		5.4	4.0
S	_•≿	2.4	. 3					<u> </u>				3.4	4.6
ssw	•2	•6	• 3	• 1						1		1 1.3	5.8
sw !	. 4	1.2	1.1	• 3		!				<u> </u>		3.0	5.0
wsw	1.1	4.4	1.9	• 2					1			7.6	5 • 6
w	3.7	7.1	3.0	• 2								14.0	5•1
WNW	2.3	2.91	1.1			!			i			6.2	4 .
NW	1.0	1.31	1.1	• 1				<u> </u>		1		4.1	5.0
NNW	1.5	1.0	- 4									2.9	4.0
VARBL	1.5	.9	.2									2.6	3 • :
CALM	$\geq \langle$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$		$\geq \leq$	$\geq \leq$			><	15.6	
	29.2	39.7	14.4	1.1								100.0	3•

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING TRANCH ETÁC/USAF AIR JEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

34055	HAHM AP/HL'SPUCK GERMARY	÷−77		AUG
STATION	STATION HAME		TEARS	MONTH
		A <u>ll_eE</u> ,Tm=		0300-0500
		CLASS		HOURS (L S T.)
		CONDITION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	27 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	1 4 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	MEAN WIND SPEED
N	1.0	2.3	1.0					i				5.1	4.6
NNE	1.1	1.5				,		•	:	•	ŧ	2.6	3.7
NE	1.0	1.4	• 3 .					Ī		-	1	. 2.7	4.4
ENE	. 3	1.2	.4			1			I		i	2.4	4.6
ξ	2.2	2.9	• 5			; .		1		1	:	5.7	4.3
ESE	3.4	3.9	• 5			,			i	1	ł	7.8	3.9
SE :	4.0	4.3	1.5,			i		1			,	9.9	4.2
SSE	2.2	3.0	• 5					<u> </u>		1	!	5.9	4.3
S	1.2.	.8	-					Ī				1.9	3.2
ssw	. 4	•5 i	• 4	• [Ι ,		Ī		1	<u> </u>	1 1.5	5.8
sw	• 2	1.9	1.3									3.9	6.8
wsw	1.3.	3.1	2.3	• 3		1					1	7.0	5.7
w	3.3	5.41	4.0					 			1	13.3	5.6
WNW	2.7		1.5							 	1	6.5	5.2
NW	1.8	1.3	• 6	• 1		i		T	:	T	i	4.0	4.5
WKK	1.0	.8	•2					i	ī	i	i	1.9	3.8
VARBL	1.9	1.1	•3						i	1	i	3.3	3.7
CALM		\boxtimes	\geq	> <	\geq		\geq					14.6	
	30.2	37.1	10.1	1.9							 	100.0	4.0

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

OATA PROCESSING PRANCH ETAC/USAF AIR #EATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

34955	HAHN AP/HUTSPUCK GERMANY		AU.;
STATION	STATION NAME	YEARS	MONTH
	à	LL MESTHER	ეიე∪∽ევ00
		cuss	HOURS (L.S T.)
		CONDITION	-

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.0	2.3	1.4		•1			:	:			5.4	5.2
NNE	•0	1.3	1.0	•1					!			3.0	5.8
NE	.9	1.8	• B	• 1				!				3.5	5.0
ENE		1.0	• 5			,						2.2	5 • 2
E	1.31	3.4	2.2]					7.2	5.9
ESE	1.9	2.9	1.7	• 5 !			1	:				7.1	<u>5.5</u>
SE	1.91	6.6	3∙8	• 1								12.4	5.8
ssr	1.9	3.4	1.1	. 2				<u>. </u>		<u> </u>	: 	6.7	4.9
s	8.	. 6.	• 3	•1		!	<u> </u>	· 	<u>L</u>	<u> </u>	<u></u>	1.6	<u> </u>
ssw	! .11	•6	1.0	. 4					<u> </u>	<u> </u>	<u> </u>	2.2	7.8
5W	1 1	. 8	1.0	• 0		<u>. </u>	<u>i</u>	:	<u> </u>	<u> </u>	:	3.1	8.4
wsw	: 8!	2.5	2.3!	. 9			<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u>i</u>	6.31	5.6
W	1.91	5,9.	5.61	1.5			<u> </u>	<u></u>	<u></u>	!	<u>.</u>	15.2	6.1
WNW	1.4	2.2	•41	• 2			<u> </u>	<u> </u>	<u> </u>	!	<u> </u>	4.2	5.0
NW	اه.	1.1	• 6			<u> </u>	1	<u> </u>	1	<u> </u>		2.6	5.0
NNW	.9	1.4		•1		:	<u></u>				<u> </u>	2.4	
VARBL	1 2.7	2.6	1.4	•5					L		1	7.3	5.
CALM		$\geq \leq$	X	$\geq \leq$	$\geq \leq$		$\geq \leq$			$\geq \leq$		7.7	
	20.2	40.1	25.9	5.8	•2							100-0	5.

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM 0-8-5 (OL-A) PRÉVIOUS EDITIONS OF THIS FORM ARE OBSOLÉTE

JAIA PRUCESSING 324 CH ETAC/USAF AIR -EATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

340 <i>)</i> 5	HAHM AR/HUNSPUCK GERMANY		A:0
ROITATE	STATION NAME	TELES	SCAIN
		L of THE	0900-1100
		CLASS	HOURS (E.S.T.)
		CONDITION	

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.3	3.5	1.5	• 1				1				5.5	5.2
NNE	.6	1.6	1.5	• 4			_					4.4	<u>ز و د</u>
NE		• 9	1.0									1 2.3	7.7
ENE	.4		1+3	• 4							·	3.0	7.4
E	. 9	1.7	2.9	• 9					-	,		6.3	7.3
ESE	•4	1.2	2.5	• 0					i		*	4.7	5.0
SE	٠. ا	2.5	3.6	1.4		I		1	i	1	-	7.2	7.8
SSE	. 6	.9	1.5	• 3			-					1 3.4	5.8
5	. 2	.6	• 4	• 1	1					1		1.5	6.7
SSW	1	3	. 2			"						1.2	8.9
\$₩ .	4!	. 3 :	1.3	1.5			:					1_3.5	9.5
wsw	.6	1.6	2.6	1.2	• 1							6.1	7.7
w		3.1	6.2	3.2	, 2							13.1	8.8
WNW .	1.1	1.5	1.5						<u>i</u>			4.1	5.4
NW	,5	1.1	. 3					<u> </u>	1			2.4	5.8
NNW	1,5	2.5	5	1					<u>i</u>	1		1 4.6	4.6
VARSL .	3.1	9.0	9.1	3.3	1							23.5	7.1
CALM ·	><	><	><	\times								2.0	
	12.7	32.4	37.5	14.5	.4							100.0	7.1

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC RE AS 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSIGET

UATA PRUCESSING FRANCH ETAC/USAF AIR *EATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

34555	HAHN AR/HU'SPUCK GERMANY	77	AUG
STATION	STATION HAME	TEARS	MCMTH
	aL	L WESTHER	1200-1400
		CLASS	HOURS (L.S.T.)
		MORTICHOS	

SPEED (KNTS, DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	. 22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	; %	MEAN WIND SPEED
N	. 9	2.8	2.5	. د ه		;	-					6.5	5.3
NNE	1.1	2.4	1.1	<u>ذ</u> •			3		1			4.8	6.0
NE	• 3	. 9	1.2	• 4								3.3	6.4
ENE	• 2 .	1.5	1.3	• 6			,		!			3.8	7.5
E	•5.	.41	1.4	1.1.								3.4	3.2
ESE	1 .1	. 3	1.7	• 5			8		!			3.3	8.5
SE	2.	1.2	Z•0:						Ī			4.1	7.7
SSE	. 3	• 5	1.1				:		ī	1		2.0	6.7
\$:	- 61		• / 3		l	,	:	ī —		!	1.2	
ssw	• 1	.3	• 5						i			1.7	
\$W	.1	.3	_ • 0_	1.5	.2		1	Î.				2.8	10.9
WSW	.8	1.1	3.C		•2	. 1	Ī	į	1			7.4	0.3
W	.5	4.2	7.2				i		!			14.5	
WNW	1.1	1.3	• 8				i	!				3.2	5.1
NW	. 81	1.71	1.1				i				1	3.5	
NNW	. 8	1.4	.9					1				3.0	
VARBL	4 3.0	8.8			.1					<u> </u>		29.1	7.5
CALM		><		><	> <	\boxtimes	\boxtimes	$\geq <$	$\supset <$	\geq	><	2.0	
	11.3	30.2	39.0	16.8	.5	.1						100.0	7.3

TOTAL NUMBER OF OBSERVATIONS 936

DATA PROCESSING PRANCH ETACHUSAF AIR REATHER SERVICER NAC

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

34055 STATION	HAHN AS/HUNSPUCK CERMANY	<u></u>		400
STATICH		ALL #F.THER	TEARS	1500-1700
		CT/R		HOURS (L.S.Y.)
		CONDI*AN		

SPEED (KNTS) DIR.	1 - 3	4.6	7 - 10	11 - 16 .	17 - 21	22 - 27	28 - 33	: 34 - 40	41 - 47	, 48 - 55	≥56		MEAN WIND SPEED
N	1.1	4.2	3.8	•2								9.2	5.2
NNE	. ċ.	2.7	2.6	_ •> .								6.3	6.3
NE	. 3	1.3	1.2	.3								3.1	7.1
ENE	• 4	1.0	1.9	• >					?			3.9	7.5
Ε	5	1.7	3.7				·		,			5.5	7.4
ESE	-21	1.5	1.5	• 4					i			3.7	7.2
SE	3	1.7	1.0	- 2			4			1		3.9	6.4
SSE	. 2	1.7	.5					:	1			1 2.5	5,7
	1:	1.3	1.2	.4			<u> </u>	:	i	;		1 3.0	7.4
ssw	2 '	.4	.1.3	. 4	.1		!	<u> </u>	1			1 2.5	3.8
SW	.2	.5:	1.2	.5			, !		į .		:	2.5	8.3
wsw .	.41	2,4	3.2	1.7			<u> </u>		!			7.7	3.3
w ·	1.4	4.2	7.7	1.5	. 2				•			1 15.1	7.4
WNW !	1.2	2.0	-8	.1						i		4.1	4.5
NW	.6	1.1	1.3	4_					<u> </u>	;	<u> </u>	3.4	5.7
NNW	.41	1.3		•1				l	<u></u>	!		2.2	5.2
VARBL :	3.8	5.6	5.8	2.0	•2		l	<u> </u>		1		17.4	6.7
CALM	$\geq <$	$\geq \leq$	$\geq <$	><	$\geq \leq$		$\geq \leq$	$\geq \leq$	$\geq \leq$		$\geq \leq$	3.1	
	12.0	34.6	39.6	10.1	.5				j			190.0	6.8

TOTAL NUMBER OF OBSERVATIONS 531

USAFETAC RE AS 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLET

DATA PROCESSING PRANCH ETAC/LSAF AIR HEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

34055	HAHN AR/HUNSRUCK CERMANY		
STATION	STATION NAME	TLIS	KANA
	al	LL asiThin	1800-2000
	<u> </u>	CUSS	HOURS (LST)
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 13	1: - 16	17 - 21	22 - 27	29 - 33	34 - 40	41 - 47	48 - 55 -	≥56		MEAN WIND SPEED
*	2,6	3.3	. 9	• /								3.3	4.5
NNE	1.2	3.8	1.2	1								6.2	5.4
NE	• 9	2.5	• 3	- 1								3.8	4 • 5
ENE	1.4	2.0	1.9	•1								5.5	5.6
£	2.7	3.9	1.6									8.4	4.5
ESE	2.0	2.0	. 4									4.5	3.0
SE	1.1	3.2	• 9 .									5.2	
SSE	1.4	1.3	• 9			-	t					3.5	4.
5	1.5	1.2	.3	• 4 !								3.4	5.
55W	• 5	1.1	•5.	• 1					:			2.3	5.
SW .	1 .2	2.4.	1.5	• 3	.1			•	!	:		1 4.5	6.
wsw	1.2	2.7	2.5			:				:		6.3	5.
w	1 3.3	5.7.	3.7.				!	:	:	T		13.3	5•
WWW	2.0	2.0	.3			!	1			-		4.6	
NW	1.5	1.3	* 5						Ī	Ι .		3.4	
NNW	1.6	1.1	•2 !			<u> </u>	 	!	 	:		3.1	
VARSL	1.5	2.0	• 8	• 2			i	ĺ	i	1 1		4.8	
CALM					\geq	\geq		\geq		\geq	$\geq \leq$	8.7	
	.7.2	41.5	19.7	2.8	.1		 	 	<u> </u>			100.0	4.

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM 0-5-5 (OL-A) PREVIOUS (DITIONS OF THIS FORM ARE OBSOLET

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CATA PROCESSIO RRAGE ETAL/USAF AIR LEATHER SERVICE/ AC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

34055	HAHM AR/HUMSPUCK GERMANY		AUÚ
STATION	STATICE NAME	TIES	egets.
	∴ ι	L afgTate	2106-2306
		CLIST	moves (LST)
		CONSTIGN	

SPEED KNTS) DIR,	1 - 2	4 - 5	7 - 10	11 - 16	17 - 21	22 - 27	25 - 13	34 - 40	41 - A7	45 - 55	≥56	4	MEAN WIND SPEED
N	2.4	3,8	. 9									7.0	4.1
NNE	• 0	2.0	• 3									3.0	4.5
NE	1.1	1.8	• 3									3.2	4.5
ENE	1.5	1.2	1.5									4.2	5.1
ξ	. 2.9	2.9	1.2							·		7.5	4.3
ESE	3.3	3.0	• !					<u>-</u>				5.5	3.5
SE	9.C	3.3	1.1									5.4	4.0
322	2.5	1.7	• 5									4.3	4.1
s	2.0	1.2	.3						-			3.5	
ssw	.6	1.0	• >									2.2	
SW	1 .2	1.8	1.7				- 	<u>. </u>	:			3.9	
wsw	2.5	1.9	2.3				;	!		·		7.1	5.4
w	3.5	5.9	3.4			*		 	;	-		13.5	
WNW	2.C.	2.5	.4					i	-	;		5.1	4.1
NW	1.1									;		3.0	4.5
NNW	1.9						:	i 	1	,		3.2	
VARBL	1.0						<u> </u>		:	·		2.9	
CALM		$\stackrel{\circ}{>}\stackrel{\circ}{<}$		$\geq \leq$	\geq		$\geq \leq$	\geq		\leq	$\geq \leq$	11.5	
	33.9	37.8	15.3	1.5		Milledonius						100.0	4.0

TOTAL NUMBER OF OBSERVATIONS

USAFETAC AR 44 0-8-5 (OL-A) MEVIOUS (DITIONS OF DIES FORM ARE ORSCLETE

DATA PROCESSING RRANCH ETAC/USAF AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

34055 STATION	HAHN AR/	HUSPUCK GERMANY		55-77	TEARS		AGG NONTH
			ALL ME T	MF n			ALL HOURS (L S T.)
			CONDITIO				
							
Γ	SPEED (KNTS)	3 4.6 7-10 11	. 16 17 . 21 2:	2 . 27 28 . 33	36 - 40 41 - 47	48 - 55 ≥ 56	MEAN WIND

SPEED (KNTS) DIR	1 - 3	4 - 6 ;	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	30 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.7	3.1	1.7	• 1	.0		1			1		6.6	5,2
NNE	• ⊄	2.2	1.0	• 2				3				4.1	5.6
NE ,	•7	1.4	• 7	• 6				!				2.9	500
ENE	• 3	1.2	1.2	• 2								3.4	5.l
E .	1.7	2.6	1.8	• 3			i			,		6.4	5.5
ESE	1.9	2.3	1.1	• 3						1	1	5.6	5.1
SE	1.9	3.4	1.9	. ز	1						i	7.5	5.4
SSE	1.0	1.8	• 9	• 1					1			4.3	4.8
\$		1.1	+4	• 2	• C			1		1	1	2.5	5.1
SSW	. 3	.6	-6	• 3	.0			1				1.8	7.1
sw	• 2	1.2		• 7	.0 :				i			3.4	7.8
wsw	1.1	2.5	2.5	•9	•0	0			i			7.0	6.8
w	2.3	5.2	5.1	1.4	.1		ĺ					14.0	6.0
WNW	1.7	2.0	•9	•1			1		ı			4.7	4.3
NW	1.1	1.3	• 8	• 1						I		3.3	5.2
NNW	1.2	1.3	• 4	·							(2.9	4.3
VAREL	2.4	3.8	3.7	1.4	.1				1	•	i	11.4	6.5
CALM	><	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	\geq	\geq		\geq		8.2	
	72.1	36.7	26.C	6.8	.2	.0						100.0	5,4

TOTAL NUMBER OF OBSERVATIONS 7440

DATA PROCESSING PRANCH ETÁC/USAF AIR *EATHER SERVICE/MAC

HAHN ARTHUNSPUCK GERMANY

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

		·			ALL *F	THER						0000	-07
					ÇON	017104							
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	. M
N	1.2	1.9	• 2									3.3	
NNE	, d .	1.1	•2									2.1	
NE .	.6	1.2	• 2							 -		2.0	
ENE	.7	.6	• 4						i	;		1.7	
ε	1.4	1.8		• 2					 			4.0	
ESE	2.8	2.1		• 1			i		i	•		5.6	
SE	5.1	4.3								:		11.5	
SSE	3.0	3.2					!					7.8	
5	1.3	1.2	•2						<u> </u>			2.8	
ssw	. 2	1.7	1.0	. 4	. 3			1				3.7	
sw	.4	2.6		1.0	• 2	• 1						6.2	
WSW	1.4	3.2	1.7									8.0	
w	3.0	7.1	4.1	1.03						1		15.9	
WNW	1.3	1.0	• 5	Ī								4 2.9	Ī
wи	1.3	7	-2									7.2	İ
NNW	.7	. 8										1.4	
VARBL	1.4	,4	•4	• 6					<u> </u>			2.9	

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DATA PROCESSING TRANCH ETAC/USAF AIR *EATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

34055	HAHN AR/HUNSPUCK GERMANY	~A ~7 7	SEP
STATION	STATION NAME	YELRS	MONTH
	يَــــــــــــــــــــــــــــــــــــ	LL WE THER	9300-0500
		cuss	HOURS (L.S T.)
		CONDITION	

SPEED (KNTS) DIR	1.3	4.6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	46	MEAN WIND SPEED
И	1.6	1.5	• d									4.1	4.2
NNE	• ឋ ,	2.3	•4					i i	:	1		3.6	4.5
NE	• 1	1.4	• 3					1		1		1.9	5.4
ENE .	•2	.4	• 0				t		1			1.2	5.5
ξ	1.3	1.9	• 2							i		3.4	3.9
ESE	2.8	2.8	• 0					1				6.1	4.9
SE	4.1	5.7	1.7	• 2					-	1		11.7	4.4
SSE	2.21	3.7	.9	• 4		<u> </u>		1	:			7.2	4.8
S	.9	1.3		• 2								2.8	4.9
SSW	•7	.7	• 8	•0	• 1		•	1		1		2.9	8.3
SW	.4	1.4	3.1	• 6	.1	-1			:			6.0	8.3
WSW	2.3	2.2	2.1	1.6					ì			8.2	6.8
w	3.8	5.9	4.2	1.8			,		9			15.9	6.3
WNW	1.2	1.3	• 1	• 1	1							2.8	3 . B
NW	3.	.2							I			.8	2.5
WMM	.71	•6	•1						1			1.3	3.6
YARBL	1.6	.3	•9	• 4					1			3.2	5.9
CALM		> <	> <		\times		\geq					16.9	
	25.4	33.8	17.1	6.1	.4	.2						100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 900

JATA FRUCESSING RRANCH ETAC/USAF AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

34055 STATION	HAHR AR/HUNSPUCK GERMANY	55-77		ŚEP
STATION	STATION HAME		TEARS	MONTH
		ALL MESTHER		0600-0800
		CLASS		HOURS (L S T.)
		CONDITION		

SPEED (KNTS) DIR	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 · 55	. ≥56	. *	MEAN WIND SPEED
N	1,7	1.5	• 6					i	:			4.0	4.5
NNE	1.C	1.3	• 8					1				3.1	4.8
NE	• 2 '	1.3	• 3									1.9	5.1
ENE	• 4	.4	. 7			!	l		<u> </u>		-	1.6	5.4
E	1.1	1.3	• 8	• 3								4.0	5.3
ESE	2.3	1.9	• 5	• 2								5.2	4.5
SE	3.3	4.0	4.1	• 7					<u> </u>	,		12.1	5.7
SSE	2.0	3.7	2.2	• 3			<u> </u>	<u> </u>		<u> </u>		8.8	5.2
<u> </u>	1.0	1.9	• 6					<u> </u>	<u> </u>			3.7	5,4
55W	1.0	.3	1.1	• 4				<u> </u>		<u>i </u>		2.9	7.0
SW	.3	.9	1.8	2.4	. 3		<u> </u>			<u> </u>	:	5.9	10.3
WSW	1.3	2.7	1.9	1.3					<u> </u>	<u> </u>	<u> </u>	7.3	7.0
W	1.9	5.6	5.6	2.3				<u> </u>	<u> </u>	<u> </u>		15.4	7.2
WNW	1.4	1.3	. 9		-1	<u> </u>	<u>i </u>	<u> </u>		<u> </u>		3.8	5.1
NW	1.2	8				<u> </u>	<u> </u>		<u> </u>	<u>!</u> .	<u> </u>	2.0	3.1
NNW	.7	.2				L		<u> </u>		·	:		2.9
VARBL	201	1.8	1.2		<u> </u>	<u></u>	<u></u>	<u> </u>	<u> </u>	Ļ	<u> </u>	5.7	5.5
CALM	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$		11.8	
	23.7	31.4	23.4	8.9	.7							100.0	5.3

TOTAL NUMBER OF OBSERVATIONS

JATA PRICESSING "RANCH ETAC/USAF AIR *EATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

HAHIS	AR/HUN	SPUCK		<u>Y</u>			-77	 ,	TEARS			<u></u>	EP.
					ALL nº	THEK						0900	-1100
					сон	DIT/ON							
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 · 27	28 - 33	34 - 40	41 - 47	, 48 - 55	≥ 56	*	MEAN WIND SPEED
N	1.0	2.2	1.3	• 1								4.7	5.4
NNE	• 2	2.3	1.3	• 3								4.2	5.4
NE	• 2	• 6	• 7					i				1.4	6.3
ENE	• 7	. 9	1.0	• ?								2.8	6.1
E	. 3	1.1	1.7	• 1								3.2	7.0
ESE	1.1	.9.	1.7	1.3								5.0	7.4
SE	9	3.4	3.3	.9								8.5	7.0
SSE	• 9	2.0	2.5	1.1	· · · · · · · · · · · · · · · · · · ·							5.6	7.2
<u> </u>	. 4		1.2	• 🕏 i			· 		<u> </u>			2.9	7.8
ssw	. 3	<u></u>	• 7	1.5				<u>. </u>	:			3.2	10.1
SW	2	7	1.0.					i	l		1	5.0	
wsw	• 9	1.9	3.1	2.4	. 4		: 	<u> </u>	<u> </u>	:		8.8	2.3
	1.3	5,4	5.1	2.9			<u> </u>	i 		 	!	14.8	
WNW	1.3	1.6	. 3	<u></u>				<u>i</u>	<u> </u>			<u> 3,2</u>	4.3
NW	4:	2.0	!				ļ	<u> </u>	 _	·		2.4	4.2
NNW	. 9	1.0	4				 -	<u> </u>	, 			2.3	4.3
VARBL	3.4	7.0	5.3	1.8!	لجعب		 	!		 _	:	17.7	5.4
CALM		$\geq \leq \downarrow$	$\geq \leq 1$	$\geq \leq$	$\geq \leq$	><	<u> >< </u>			$\cdot > <$		3.2	
	14.7	33.8	30.3	15.4	1.1				1			100.0	7.0

900

TOTAL NUMBER OF OBSERVATIONS

CATA PROCESSING GRANCH ETÁC/USAF AIR LEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

34055	HAHN AP/HUMSPUCK DERMANY	5a-77		SEP
STATION	STATION NAME		YEARS	MONTH
		ALL WEATHER		1200-1400
		CLASS		HOUES (L.S T.)
		CONDITION		

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	.2 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	13 1 %	MEAN WIND SPEED
N	1.7	2.0	2.4				1			1		6.1	5,3
NNE	•7	1.4	1.4			1	1	!				3.6	5.7
NE ,	• 1	.9	• 7	• 3					1	1	1	2.0	5.8
ENE ,	•4	1.3	• 6				:			ş 1	<u> </u>	1 2.6	5.3
_ E ,	.7	1.3	1.9	•1					1	ļ		4.0	6.5
ESE	• 2	.6	1.4	•7			!	!		1]	7.9	8.6
SE	. 4	.9	2.3						j -	Ī	1	1 4.0	7.5
SSE	.4	1.6	1.6	ŧĝ			!		1			4.3	7.2
\$		•7	1.1	1.2	,2					1		3.2	10.1
wzz	- 1	.6	1.4									4.2	10.7
_sw	. 3	.8	1.4	2.8	. 2						1	5.6	10.4
wsw	. ŝ	.7	2.2	2.3	. 1							6.1	9.4
_w	.8	4.7	5.6	3.8							Ī	14.8	8.3
WNW	1.1	2.1	•7					T				3.9	5.0
NW	• 7	1.2	• 1	• 3							!	2.3	5.5
NNW	.7	1.0	•1							1		1.8	4.3
VARBL	4.5	8.7	8.7	2.8		.1				i		24.8	6.7
CALM		\times	\times		$\geq \leq$	\geq	\boxtimes		$\triangleright <$	\boxtimes		3.9	
	13.7	30.3	33.9	17.2	.9	·						100.0	7.1

TOTAL NUMBER OF OBSERVATIONS 900

DATA PROCESSING PRANCH ETAC/USAF AIR MEATHER SERVICE/MAC

HAHM ASTHUNSPUCK GERMANY

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

					COM	DITION							
SPEED (KNTS) DIR.	1.3	4-6	7 - 10	11 - 16	17 • 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEA WIN SPEE
N	1.9	1.9	1.7									5.4	4
NNE	• 2	3.2	2.3	• 3 :					===			6.1	5
NE	• 2	1.7	•9									2.8	5
ENE	.0:	. 6	2.2	• 3			,					3.9	7
Ε ,		1.8	1.1	.2		,	1			1		3.9	5
ESE	. 6	1.4	1.3	• 0			,			,		4.1	6
SE	1.1	2.8	1.9	.31		:	1		,		:	6.1	5
SSE	1.1	2.0	1.0	•2			1		=		-	4.3	5
s	•4	1.2	•9	1.31	• 1		:					4.0	- 6
ssw :	.21	.8	1.6.	1.6	.2	:			,			4.3	10
sw	•4	1.4	1.3	1.4	.2							4.9	a
wsw	1.1	1.8	3.2	1.6	.1				1			7.8	7
w i	3.1	4.7	4.8		.1	;						15-4	7
WNW	1.8	1.1	1.2!				I				·	4.1	4
NW	1.6	1,11	.7	. 4			i		1	1	!	3.8	5
NNW	.4	.8	•7								1	1 1.9	5
VARBL	3.7	4.1	4.1	.9					Ī	1		12.8	5
CALM	$\geq <$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$		$\geq <$		$\geq <$		4.3	
	19.4	32,6	30.9	12.0	. 8							100.0	٥

USAFETAC $_{
m SR-64}^{
m FORM}$ 0-8-5 (OL-A) previous editions of this form are desolete

DATA PROCESSING PRANCH ETÁCZUSAF AIR JEATHER SERVICEZZAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

34055 STATION	HAHN AS/HUNSRUCK SERMANY STATION NAME	YEARS	SEP NTM
	ALL	F _A THE _A	1800-2000 NOVES (L S T.)
		CMOITION	

SPEED (KNTS) DIR.	1-3	4-6	7 - 10	11 - 16 .	17 • 21	, 22 - 2 7	28 - 33	34 - 40	41 - 47	48 - 55	≥56	. *	MEAN WIND SPEED
N	1.9	2.6	1.3	٠٧.						1		_6.0_	4.9
NNE	1.2	2.8	•7	• 1		:			I			4.8	4.9
NE	.6	1.8	• 4				. —					2.5	4.5
ENE	.8	2.0	1.7	•1				1		,		4.6	5.8
E	.6	2.1	.7	•1			1	1				3.4	5.4
ESE	2.6	2.1	• 6					-	T			5.2	3.8
SE	2.8	2.9	1.4	• 3		!	,	1		1		7.4	4.7
SSE	2.1	2.0	. 8	.7			1	1				5.6	5.3
5	1.7	1.3	.8		. 1		1	I				5.0	5.5
Jy	• 9	1.7	•6	1.2	.2							4.6	7.6
SW	.4	2.1	2.0	1.0	.2		_	1				5.8	7.8
wsw	1.3	2.0	2.2	• 9		1	i		<u> </u>			6.4	6.8
₩	4.2	4.3	3.8	1.2	,3			<u> </u>				13.9	6.1
WNW	1.3	1.9	.4									3.7	4.3
NW	.9	1.0	•6			1						2.4	4.5
NNW	1.3	. 8	•2			<u>i</u>		<u> </u>	<u> </u>			2.3	3.7
VARBL	1.2	1.3	. 9	.2								3.7	5.5
CALM		$\geq <$	><	><	><	$\geq \leq$					><	12.4	
	25.8	35.1	19.0	6.8	.9							100.0	4.9

TOTAL NUMBER OF OBSERVATIONS 900

DATA PROCESSING ARANCH ETÄL/USAF AIR »EATHER SERVICF/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

34055 STATION	HAHN AS/HUNSPUCK GERMANY	5.c=77	SEP *****
		π£,,Tri+,ς cuss	2100-2300
		CONDITION	

SPEED (KNTS) DIR.	1-3	4-6	7 - 10	1: - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	* :	MEAN WIND SPEED
N	2.0	2.4	•.7									5.1	4.3
NNE	1.0	1.9	• 9					,				3.8	5.2
NE	ا و .	1.0	• 4					!				1.8	4.8
ENE		.9	-8					1			!	2.0	5.0
E	1 1.3	1.3	i•2					ļ				3.9	5.1
ESE	3 2.2	2.9	• 2									5.3	3.9
SE	5.2	4.4	1.2		.1					ı	1	11.4	4.4
SSE	2.7	3.6	- 9	• 6						!		7.3	4.5
s	1.4	1.7	1.0	•6				· 				4.7	5.C
SSW	. 3	.8	• 9	<u>•7</u>		1		:				2.9	a.7
sw	1 .2	2.2	1.91	1.2	. 2			<u> </u>	:	ļ		5.5	3.5
W\$W	1 1.3	3.8	2.3	1.0				<u> </u>	<u> </u>	<u> </u>		9.3	7.3
w	2.7	5.2	3.9	2.3:				<u> </u>		<u>-</u>		14.3	5.9
WNW	1.9	1.3	•3 '	• 2				<u></u>	<u> </u>	<u>!</u>		3.8	4.3
NW	· • 0	-2	•2!						i 	!		1.0	3.8
NNW	.9	-1	•1	i					:	1		1.1	3.0
VARBL	1.9	.9	•3 !	•2				<u> </u>	1	1		3.3	4.2
CALM		$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$				13.1	
	76.3	34.7	17.3	7.4	1.0	-1			# #			100.0	4.9

TOTAL NUMBER OF OBSERVATIONS QDO

GATA PRICESSING PRANCH ETACYUSAF AIR REATHER SERVICE/PAR

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

34055 station	HAHN ER/HUNSPUCK GERMANY	6 77	
STATION	STATION NAME		YEARS BOATH
		ALL ME_THEX	ALL
		cus	HOURS (L.S.T.)
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33 ,	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.5	2.0	1.2	• 0			,		:			4.8	4.7
NNE	.7	2.1	1.0	•1				: -				3.9	5.5
NE	• 3	1.2	•5.	_ • ∪						1		2 • 1	5.4
ENE	٠ ۶ .	.9	1.0	• 1				Ī			,	1 2.5	5 • 5
Ε	• •	1.0.	1.0	•1		1			!			1 3.7	<u>5•</u> 5
ESE	1.8	1.8	.9	• 4					i i		1	4.9	5.0
SE	2.7	3.6	2.2	• 4	0			1			ļ	9.1	5.3
SSE	1.9	2.7	1.4	- 5			ı					5.5	5.4
s	. 9	1.3:	• ŝ	• 5	- 1		i	i	i			3.6	6.6
ssw	•5 '	.8	1.0	1.1	.2	ن .						3.6	â.9
św	•4	1.5	1.8	1.7		•0	1					5.6	9.2
WSW	1.3	2.3	2.3	1.6					!			7.3	7.7
w	2.6	5,4	4.6	2.3							Ι	15.1	6.9
WNW	1.4	1.5	• 5	•0						I	i	3.5	4.5
NW	. 9		-2	• 1							1	2.1	4.3
NNW	.8	.71	•2		:	!				I	Ī	1.6	4.0
VARBL	2.5	3.1	2.7	•9	.0	• 0						9.3	6.2
CALM		$\geq \leq$	> <	><	$\geq <$	$\geq <$	\geq					10.2	
	22.0	93.3	23.5	10.0	.9	. 1						100.0	5.6

TOTAL NUMBER OF OBSERVATIONS

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JATA PROCESSING PRANCH ETÁCZUSAF AIR WEATHER SERVICEZMAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

34055	HAHN ABTHUNSPUCK GERMANY		
STATION	STATION NAME	TEARS	#GATH
	,	LL REATHER	000 0- 0260
		CLISS	HOVES (L.S T)
		COMDITION	

SPEED (KNTS) DIR.	1-3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	•	MEAN WIND SPEED
N	. 4	.8	1.0									2.2	6.2
NNE		. 4	+4									• 9	6.3
NE	. 3	•6	•6									. 1.6	5.4
ENE		.9	•2	• >				<u> </u>				1.6	7.5
E	. 3	8	1.3	• 2								2.6	7.1
ESE	1.7	3.0.	2.9	• 4				!				8.1:	5.9
SE .	3.6	5.3	7.1	2.0				1				17.4	5.5
SSF	2.0	2.8	3.1	•1				<u>;</u>				8.5	5.3
5	1 .5	• 6	• ŝ	ا دو			<u> </u>		· 			2.5	7.2
ssw	. ا	.3:	•4	• 0	.3			<u>!</u>	:	:		2.0	10.3
sw	.5	.9:	8 !	.9!	.2			<u></u>	:			3.2	8.4
wsw	1.1.	1.9:	2.3	1.4	. 3			<u> </u>	<u> </u>	·		7.0!	8.0
w ·	2.5	6.6	6.31	3.0	1	-	<u> </u>	<u> </u>	·	<u>!</u>		18.5	7.3
WNW	2.2!	4.0		•1_			1	<u> </u>		1		7.5	
NW	.91	9	•5	- 2			<u> </u>	<u> </u>	: :			2.5	5.2
NNW	•4	1.0						<u> </u>	<u> </u>			1.5	4.3
VARBL	1.0	.6	1.3	1.5	. 2				i	:		4.6	a.7
CALM	><	$\geq \leq$	$\geq \leq$	$\geq \leq$	><	$\geq \leq$	$\geq \leq$	$\geq \leq$			$\geq \leq$	7.7	
	17.7	31.3	30.3	11.7	1.2					DO LONG TO SERVICE AND ADDRESS OF THE PARTY		100-0	6.2

TOTAL NUMBER OF OSSERVATIONS 930

DATA PROCESSING PRANCH ETAC/USAF AIR REATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

<u>34055</u>	HAHN AR/HURSPUCK GERMANY	4e-77	100
STATION	STATION NAME	TELES	4047X
	٠, ١	L wellther	0300-0500
		CL-M	HOURS (L.S.T.)
		COMPITION CO.	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7- 3	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	43 - 55	≥56	- %	MEAN WIND SPEED
N	. 4	. 8	• 8	•1								1.9	6.1
NNE	ذ •	• 5	• 3									1.2	5.0
NE	• 1	. 3	• 5					·				1.0	6.3
ENE	• ì	1.0	•5	• 4				-	!			1 2.0	7.1
E	. 9	1.7	1.4	. ز ۰	_			5 6	1			4 4.3	5.3
ESE	2 • C	2.3.	2.7	• 4	_							7.4	5.5
SE	2.9	0.3		2.6				;				19.5	5.8
SSE	1.5	2.4	2.2					ı				5.7	5.9
\$	\$. • 5	1.3.		٠ .			:	•	:			2.9	5.4
S\$W	.1	3 :		• 3	. 7		i	i	!	!		1.7	9.7
5₩	.3	.61	.3		·ż		ĺ	ę		:		1.9	3.4
wsw	1.0	1.5		• 5	. 3			1	!			5.6	
w	2.5	6.0	6.7	2.4	.1			i				19.6	
WNW	2.0	3.0	1.0	•1				1		\$		6.8	5.0
NW	1.0	1.1	• 5	-2						1		2.8	5.1
NNW	.2	•2	• 2							!		6	5.0
VARSL	1.7	1.0		1.8	.1			!	i	I		5.7	
CALM		\boxtimes	><	><	$\geq \leq$	$\geq <$	\geq		\boxtimes		\geq	7.4	
	17.7	32.3	30.9	10.8	1.0							100.0	

TOTAL NUMBER OF OBSERVATIONS 930

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DATA PROCESSING PRANCH ETAC/USAF AIR REATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

34005 station	HAPA AR/HU'SPUCK GERMANY	5×≠77		CT
STATION	STATION NAME		TELES	90414
	А	LL xELTHEA		0000-0200
		CL455		ROURS (LST)
		CE+D:TID+		

SPSED (KNTS) DIR.	1 - 3	4 - 5	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
м	.5	1.0	1.4	•1								3.0	5.4
HHE	• l	. 5	• 2									. 9	6.1
NE.	3	. 4	<u>• 6</u>									1.4	5.6
ENE	i	•2	• 9	• 4								1.6	3.2
٤ .	. 4	1.0	1.9	. 4	. 1							3.9	7,7
ESE ;	1.0	2.0	2.9	• €								7,3	5.7
SE ,	2.5	4.9	8.7.	3.0								20.0	7.5
322	1.0	3.5	2.7	• 9								8.1	5.5
S	• 5	•5		• 2 :	,				<u>. </u>			2.2	_
\$5W .		.4	1.1.	_ •1_						_		1.9	£.4
SW F	5	. 8	• 9	• 3	.1				!			2.7	7.2
wsw	•9.	1.6	2.3:	1.5	, Z		ī 					6.5	8.4
<u>w</u> 1	1.9	8.6.	5.7	2.4	.2		i					19.9	
WNW T	1.0	2.8	1.2.	• 3 1			<u></u>		1	· · · · · ·		5.3	5.5
NW S	.4	1.2	•.6 !	1!			i	I	!	:		2.4	5,8
NNW .	.6	<u>.4</u> i					<u> -</u>			<u>. </u>		1.5	4.9
YARA	1.6	.5	1.7	1.4	3		I	1				5.6	8.2
c.u.	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$		$\geq \leq$			$\geq \leq$	5.0	
¥	14.7	30.5	34.8	12.7	1.1	-1		1	1			100.0	5.0

TOTAL NUMBER OF DESERVATIONS 930

JATA PROCESSING GRASCH ETAC/USAF AIR REAIMED SERVICE/FAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

34055	HAHN ARTHE ISPUCK GERMANY	~ a=77	JCT
STATION	STATION NAME	ATTAT.	90974
		RF The c	0903-1100
		CO-DITIES	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - *E	≥56	•	MEAN WIND SPEED
N	.5	1.2	1.4	.1								3,2	5.4
NNI	. 3	.4	• ô	•1								1.5	5. q
NE .	.1	- 4	- • 1									•£	4.8
ENE	3 .	5	• 5	• \$								1.9	a.1
E	. 4	.4	1.6	• 5	٠2				_			3.5	9.4
ESE	+6	1.4	2.5	1.7	. 1							6.5	8.7
SE	1.8	3.5	7.,	4.4	ځو څ				:			17.7	a.7
SSE	• 6	2.4	3.4	خ •								7.0	7.0
S	4	. 3	• 5	ر ج								2.0:	6.4
SSW	• 1	. 5	• 4	2.0								1.3	
SW .		.6	1.i	• 5	. 1							2.5	
wsw		1.1	1.5	1.3.	. 3			:				4.6	9.4
w	1.0	5.3	8.1	3.9	.9		i			·		19.0	3.5
WNW	.5	2.4	1.5	•1	•1					· · · · · · · · · · · · · · · · · · ·		4.7	6.3
NW	. 6	1.5	1.1	•2								3.4	6.02
NNW	• ó	. 9	. 9						<u> </u>			2.3	5.3
VARSE	3.2	3.8	4.2	3.1	.5			!	100	•		15.2	8.0
CALM		$\geq \leq$	$\geq \leq$		$\geq \leq$	$\geq \leq$		$\geq \leq$	$\geq \leq$		$\geq \leq$	2.8	
	11.5	27.1	37.1	17.8	3.C	. 3						100.0	7.8

TOTAL NUMBER OF CASERVATIONS 930

DATA PROCESSING PRANCH ETAC/USAF AIP LEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

34055	HAHR AR/HUMSRUCK GERMANY	77 YEARS	UC I
		ALL WE THE	1200-1400 HOURS (CET)
		CONNITION	
	SPEED (KNTS) 1-3 4-6 7-10 11-	16 . 17 - 21 22 - 27 ; 28 - 33 34 - 40 41 - 47 48 - 55	≥56 % WIND

SPEZD (KNTS) DIR	1 - 3	4-6	7 - 10	11 - 16 .	17 - 21	22 - 27	: 28 - 33	34 - 40	41 - 47	48 - 55	≥56		MEAN WIND SPEED
И	. 4	2.0	2.3	•1								4.8	6.6
NNE	• 4	. 8	• 4	• 2 :					1			1.8	6.1
NE ,		. 2	. 3	• 2 !								• B	8.7
ESTE	• 1	.2	_1.2	•5								2.0	8,2
€	4	1.1	1.8	1.0								4.3	8.0
ESE	.4	2.4	1.6	1.3	. 2			1			!	5.9	8.0
SE	• 3	3.1	5.2	1.7						ī		10.3	7.9
SSE	.8	2.5	2.0	1.3	. 1							6.7	7.2
S	2		1.2	• 2			i					2.3	7.4
ssw	. 1	.2	• 4	ۇ <u>،</u>						1		1.1	8.9
sw	.1	1.0	1.2	1.6	• 1		i			İ		1 4.0	9.8
wsw	.2	1.0	1.7	1.5	,2		1			1	i i	4.4	9,4
w	.8	6.6	7.5	3,9			!		:			19.4	8.5
WNW	.9	1.7	1.7	• 2							i	4.6	6.4
NW	. 8	1.0	. 8	• 3	.1		1		1	1	Ī	2.9	6.8
NNW	.6	.6	. 8					!		,		2.0	5.2
VARBL	5.4	5,3	6.0	4.3	. 3	• 1			İ	I		21.4	7.2
CALM			><	><	><	$\geq \leq$						1.3	
	11.9	30.2	36.1	18.5	1.8	.1		I 1				100.0	7,6

TOTAL NUMBER OF OBSERVATIONS

DATA PROCESSING BRANCH ETAC/USAF AIR #EATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

4055	HAHR ATTHUMSPUCK GERMANY	<u>5a=77</u>		UCT
STATION	STATION NAME		YEARS	MONTH
		LL WILTHER		1500-1/00
		CLASS		HOURS (L.S.T.)
		COMPLTION		

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	. 3	1.2	1.2	• 1		!	Ī_			!		2.8	6.4
NNE ,	. 4	1.0	1.3	• 1					:)		3.4	6.1
NE	• 1	.9	• 5	. 3								1.9	7.2
ENE	• 2 .	•6	• 9	• 6					1			2.4	8.1
ξ	.4	1.8	1.5	• 4					1			4.2	6.8
ESE	.4	2.5	2.3	• 5				!	i			5.7	6.8
SE	2.2	4.2	5.9	1.2	• 2			1				13.7	7.1
SSE	2.0	2.9	2.4	• 2			1.	I	1			7.5	5.0
S	.5	1.0	• ¢	ۋ. •		1	Ī	İ		i		2.5	6.0
ssw	.3	.4	€.	•1	• 2		Ì		i			1.8	7.8
sw	.4		1.3	• 5			Ī	i		i		3.4	7.1
wsw	ق	2.2	2.5	1.0	.2	i	T					6.3	7.9
w	2.6	6.1	6.3	2.5	, <u>, i</u>							18.1	7.i
WNW	1.2	2.3	1.6	• 3		i						5.4	5.5
NW	1.2	. 8	•6	• 3		.1	Ţ					3.0	5.9
MNM	•4	.5	•6	• 1								1.5	6.6
VARBL	2.7	2.8	2.8	2.2	.3							10.8	7.2
CALM		\geq	\geq	$\geq \leq$	\geq		$\geq \leq$	\geq	$\geq \leq$			5.6	
	15.8	32.0	33.7	10.9	1.1							100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING RRANCH ETAC/USAF AIR JEATHER SERVICE/MAC

HAHN AB/HUT SRUCK GERMANY

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSETVATIONS)

ION			STATION	NYME				_ 		EARS				ONTH
						ALL RE	AN LAND						1800	-200
						•								
		_				CON	Dition							
1														
	SPEED (KNTS) DIR.	1.3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEA WIN SPE:
	N	. ف ه	• 6	1.3				1					2.3	
	74.	. 1	1.3	6.				!					2.4	
	NE	.1		•1									• 5	
	ENE	.1	. 5	1.2	• 9		!					ı	2.7	8
	E	4	2.0	1.3	• 3			<u> </u>			:		4.1	
	ESE	1.4	1.9!	2.3	• 5	1	<u></u>	!		<u> </u>			6.2	6
	SE	2.4	5.5	5.0	1.6	. 2		<u> </u>				·	15.3	5
	SSE	2.5	5.2		• 4	·	<u> </u>	L	<u> </u>				12.2	5
		. 5	.6	• 5			1	<u> </u>		<u>i</u>		i	1.8	4
	ssw.		.5	•4	• 2	l	<u> </u>	<u></u> .		<u> </u>	<u>:</u>		1.2	7
	sw	• 6	1.2	1.8	• 9		<u> </u>						4.5	
i	WSW	1.2	2.8	2.3	. 9		<u> </u>	<u> </u>	<u> </u>	<u> </u>	·		7.2	6
	<u></u> _	2.7	7.3	5.2	2.2	.2.	<u>!</u>	<u> </u>	!	!	<u> </u>		17.5	6
	WWW	1.8	1.8	1.1	• 4		<u> </u>			ļ. <u>.</u>			5.2	5
	NW_	9	_1.1.1	•6	•2		<u> </u>			<u> </u>	1		2.8	5_
	NNW	5		• 4	•2	i 	ļ	<u> </u>	<u> </u>		!	<u> </u>	1.6	_6
	VARBL	1.4	1.0	1.3	1.44	بلسب	Ļ	ļ,	<u>L</u>	<u> </u>	<u> </u>		5.2	7
	CALM		\times	$\geq \leq$	$\geq \leq$		$\geq \leq$	$\geq \leq$		$\geq \leq$	$\geq \leq$	$\geq \leq$	7.4	
							1							

TOTAL NUMBER OF OBSERVATIONS 930

UATA PROCESSING PRANCH ETAC/USAF AIR JEATHER SERVICE/ 'AC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

34055	HAHN ARTHUMSPUCK GERMANY	<u>58-77</u>		೮೧ †
STATION	STATION NAME		TEARS	HONTH
	<i>!</i> *	LL ME THE		2100-2300
		CLASS		HOURS (L S T.)
		CONDITION		

SPEED (KNTS) DIR.	1-3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 • 5.	≥56	. *	MEAN WIND SPEED
N		. 8	1.4							1		2.2	7.3
NNE	2	•6	. 3									1.2	5.4
NE	• 2	. 3	_ •5				1	1		1		1.1	3.3
ENE	• 2	.6	1.1	• 2								2.2	7.4
E	.5	.9	2.0						!	1	!	1 3.4	6.7
ESE I	2.0	2.3	1.5	• 6			1				1	6.5	5.6
SE	1.9	6.0	7.1	1.7	.2				1	i T		17.0	6.9
SSE	2.4	4.1	3.1	• 1						!		9.7	5.5
S	• 6		1.1	2							1	2.8	5,9
SSW		.4	• 0	• (2								1.7	9.5
sw	.5	1.5	1.5		.1		<u> </u>			T		4.8	8.3
WSW	1.2		.9	.9					T			4.7	6.6
*	3.3	7.6	6.6	3.0	. 3						1	20.9	7.0
WNW	1.0	2.6	1.3	•2					T	1	T	5.7	5.3
NW	. 8	.9	1.0	• 2					1	1	1	2.8	5.9
WMM	.1		•1					T	T	<u> </u>		3 .2	5.0
VARBL	1.3	1.0		• 4	.1			T		i	i -	3.9	.6.9
CALM		\geq			\boxtimes	\times	\geq	\boxtimes				9.4	
	17.0	32.3	31.1	9.5	. 8	11						100.0	6.0

TOTAL NUMBER OF OBSERVATIONS

DATA PROCESSING RRANCH ETĀC/USAF AIR WEATHER SERVICE/MAC

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

34055	HAHN AB/HUTSPUCK GERMANY	56-77		<u> üCT</u>
STATION	STATION NAME		TEARS	MONTH
		ALL MELTHER		ALL_
		CLASS		HOURS (L.S.T.)
		CONDITION		

SPEED (KNTS) DIR.	1.3	4 - 6	7 - 10	11 - 16	17 - 21		28 - 33	34 - 40	41 - 47	48 - 55	≥56	- 4	MEAN WIND SPEED
N	.4	1.0	1.3	•1					1			2.8	6.5
NNE :	. 3	. 8	•6	•1						7		1.7	6.0
NE	_,2	.4	•4	• 1					I			1.1	5.2
ENE		•6	• 8	•5						į .		2.1	8.0
E	.5	1.2	1.0	. 4	.0	1)				!		3.8	7.3
ESE	1.3	2.2	2.3	• 8	• 1					i		6.7	6.7
SE	2.1	4.9	6.8	2.4	.2					L		16.4	7.3
\$SE	1.7	3.2	2.9	ڙ.	•0					,		8.3	6.0
S	,5	. 8	. 8	• 3				<u> </u>				- 2.4	5.3
SSW	. 2	, 4	+6	. 3	1				·			1.6	8.5
s₩	. 4	1.0	1.1	• 8	. 1							3.4	A,3
wsw	. 8	1.7	1.9	1.1	.2			<u> </u>		<u>i</u>		5.8	7,9
w	2.2	7.0	6.7	2.9	. 3	. n.		<u> </u>			<u> </u>	19.1	7.4
WNW	1.4	2.6	1.4	• 2	.0			<u> </u>	l	!		5.6	5.5
W4	-8	1.0	• 7	•2	0	n.						2.8	5.8
, NNW	-4	.5	• 4	•1								1.4	5.3
VARBL	2.3	2.0	2.5	2.0	. 3	1						9.2	7.6
CALM		\geq	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$		\geq			6.0	
	15.5	31.3	33.0	12.7	1.3	1						100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 7440

JATA PROCESSING PRANCH ETAC/USAF AIR JEATHER SEPVICE/ 'AC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

34055	HAHL AB/HLYSRUCK GERMANY	5å -77	ħŒV
STATION	STATION HAME	YELES	KONTH
	Δ	L WELTHEA cuss	0000-020U
		CARTINA	

SPEED (KNTS) DIR.	1-5	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	: 48 - 55	≥56	* *	MEAN WIND SPEED
N		1.1	1.1	• 2				!				2.4	7.1
NNE	• 2	•7	- 9				!					1.8	5.3
NE	2	1	•5							:		. 9	5.6
ENE	2.	• 6	•2:									1.0	5.7
Ε	. 3	. 4	.7:	• 4					i			1.9	7.5
ESE	1.4		• 2 :	• 7	. 1						;	2.9	6.3
SE	1.7	4.0	2.9 1	2.1	.3					:	i	11.0	7.4
SSE	1.7	2.4	1.3	1.1						:		6.6	5.4
<u> </u>	.4	.7	• 7	• 6	. 2			i	-		1	2.6	8.3
ssw	1 2	.2	1.0	1.9	.6	1		1			:	4.0	12.4
sw	1 1.C	1.7	3.2	1.1	.6	.6.		<u> </u>	1	!	1	8.1	9.5
WSW	.4:	i.l.	3.1	2.9	1.4	2				<u> </u>		9.2	11.1
	1.2	5.9	7.9	5.8	.9	. 6		<u> </u>	<u> </u>			22.2	9.2
WNW	1.41	2.0	2.3	• 8	.1				1	<u></u>	1	6.7	6.9
NW	.21	9	-4	. 4					<u>i</u>		:	2.0	7.2
NNW		- 4	-6	• 2				<u> </u>	<u> </u>	:		, 9	5.3
VARBL	.6	1.3	3.6	3.0	. 4	.3	L	<u> </u>	<u>L</u> .	!		9.2	10.2
CALM		$\geq \leq$	$\geq \leq$	$\geq \leq$	><	$\geq \leq$	$\geq \leq$	$\geq \leq$				6.7	
	11.3	23.7	30.7	21.2	4.7	1.8						100.0	8.1

TOTAL NUMBER OF OBSERVATIONS

900

USAFETAC $\frac{\text{FORM}}{\text{JR 64}}$ 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING PRANCH ETAC/USAF AIR FEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

34055_	HAHM AR/HUNSRUCK GERMANY	22=77	עפא
STATION	STATION NAME	TEARS	ACHTH
	A.	LL WEATHER	0300-0500
		CLASS	HOURS (L.S T.)
		CONDITION	

: PEED (ANTS) DIR.	1.3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
И	. 4	. 6	1.4									2.6	7.0
NNE	,1	• 2	1.3				f					1.7	7.5
NE	• 2	.7	•2	:			!	1			!	1.1	5.C
ENE	• 2	• 6	- +2	-21				!				1.2	6.5
E	. 3		. 4	• 4 1						[1.3	9.5
ESE	. 3	1.7	• 1	• 4			!				1	2.6	5.3
SE	1,8	5.5	1.7	1.0	-2		ī			1		10.7	6.4
SSE	1.7	2.2	2.7	1.0				!			1	7.6	5.5
\$,	• 5	.7	• 9	1.2	.2	• i_			1	Ĭ		3,7	9.5
ssw	• 1	.7	1.3	- 8	. 6	1]		1	I	<u>.</u>	3.6	11.0
sw	•2	.9:	2.9	4.0	.3	.1			i .	1		8.5	10.5
wsw :	.91	1.3	3.6	3.0	1.0	3_	.3	5	I	ľ		10.3	11.1
w	1.3	4,9:	9.5	3.7	1.3						ŧ I	21.2	9.0
WNW	. ć	2.9	2.0	.3			T			Ī	I	8 د ـــــــــــــــــــــــــــــــــــ	5.4
NW	. 3	•7	.7						!	1		1.7	6.0
NNW	•6	•2	•2									1.0	3,4
VARBL	1.4	1.4		3.5	,7	. 3				1	;	10.6	10.3
CALM		\geq		><	\geq	> <	\geq		$\geq \leq$			5.0	
	11.0	25.0	32.0	20.6	4.9	1.1	• 3					100.0	8 • 2

TOTAL NUMBER OF OBSERVATIONS

DATA PROCESSING BRANCH ETÁC/USAF AIR MEAIMER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

34055	HAHIE AP/HUTSRUCK GERMANY	_ 5₀≁77	V0N
STATION	STATION HAME	TEARS	#QRTH
	Å	LL XE THER	0000-0800
		CL136	HOURS (L.S.T.)
		CONDITION	

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N		.4	1.3	• 5	.1							2.4	9.6
NNE ,		- 1	7	• 2			,			1		1.0	2.9
NE ;		. 8	ۇ .									1 1.1	5.9
ENE	• 1	.6	•7	ٔ ڙ •				i	i			1 1.7	8 - 1
ε .	.9.	. 3	4	• 2	• 2					1		2.1	6,7
ESE	•3	. 8	• l	.7			!	:	ī			1 1.9	7.5
SE .	1.7	3.7	3.4	1.6	_ ,3				1			10.7	7.4
SSE	• 9	3.1	2.4	1.1	• i			-				7.7	7.0
S i	ۇ .	•6	1.7	.7	. á	1						3.9	9.8
ssw	·l_	. 5	1.0	• 7_	. 4	.1			1			3.1	10.8
sw	4	1.1	2.3	2.9	• 9	• /						7.9	11.2
wsw	.6	1.3	2.1	3.2	• 7			i				8.2	10.8
_w!	1.1	5.1	8.9	4.0	1.2	3		1				21.3	9.4
WNW	. á :	3.2	2.0	• 2								6.0	5.2
NW		.6	• 9							<u> </u>		1.8	8.5
NNW		.7	• 3	• 1								1 1.1	6.4
VARSL	1.7	1.3	3.9	3.4	. 9	3	• 1					11.7	10.1
CALM	><	$\geq \leq$	$\geq \leq$	><	$\geq \leq$	$\geq \leq$						6.4	
	8.7	24.4	32.6	20.8	5.4	1.4	•1	.1				100.0	a • 4

SHOITAVESEED TO SERVIN LATOT

USAFETAC $\frac{\text{FCRM}}{\text{AR 64}}$ 0-8-5 (GL-A) previous editions of this form are obsolete

S GATA PRICESSING PRANCH ETAC/USAF AIR *EATHER SERVICE/*AC

SSE

s

SSW

SW WSW

WNW

NNW

VARBL

CALM

1.6

. 3

•3

.9

2.7

3.∵

2.6

.71

1.4

4.0

EAN IND 'EED

00

i

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

HAHN AR /HU'ISRUCK GERMANY SPEED (KNTS) DIR, 41 - 47 7 - 10 11 - 16 | 17 - 21 22 - 27 28 - 33 N NNE 1.1 2.0 3.3 NE .4 .6 ENE . 7 Ε .7 ESE .3 SE 1.3: 3.0 2.1

.8

1.31

1.1

1.0

2.3

TOTAL NUMBER OF OBSERVATIONS

8.0

7.1

1.1

2.8

DATA PROCESSING BRANCH ETÁC/USAF AIR JEATHER SERVICE/PAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED 'FROM HOURLY OBSERVATIONS)

34055	HAHN AS/HUMSPUCK GERMANY	59-77	NEV
STATION	STATION NAME	TELES	#OnTH
	AL	CUSS CUSS	1200-1400 mount (Est.)
		PORTICES	

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	**	MEAN WIND SPEED
N	- 2	.6	1.9	• 0								3.2	8 a l
NNE	• 4	.6	1.2									2.3	7.4
NE ,	. 1	•6	1.0	• 2			!					1.9	7.4
ENE	. 1	.3	•0	• 2				,				1.2	7.2
E	. •7 .	.7	• 4						1			2.5	7.8
ESE :	1.0	•7	•2	• 2	•1			:	1			2.2	5.5
SE	• 0	2.3	3.3	2.3	.2		T					3 . 8	3.8
SSE	1.3	1.4	1.6	٥٠			1					4.9	5.2
S	.2	.4	1.0						1			1.7	6.6
ssw	.1	•1	1.2	1.9	.7	1	• 1	,	1	1		1 4.2	13.5
sw		.8		3.8	. 5	- 1		x .		1		4 8.7	11.5
wsw	• 3	1.4	2.8	2.9	1.4							1 8.0	11.2
w	6	3.7	8.5	5.9	1.4				1			20.4	10.2
WNW	•7	1.2						1				# 3.8	5.9
NW		.9	1.0	5.					T	1		2 - 1	7,3
NNW	.4 i	.3	٠Ž	• 4	1			1	1	,		1.6	7.6
VARBL	• ô	4.6	6.8	4.1		,6				1		18.6	7.9
CALM		\geq	\geq	><	\geq	$\geq \leq$					\geq	2.9	
	7.4	20.6	36.7	24,7	6.6	1.1	.1					190.0	9.2

TOTAL NUMBER OF OBSERVATIONS 297

DATA PROCESSING PRANCH ETAC/USAF AIR HEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

34055 STATION	HAHR ARTHUNSRUCK GERMANY	55-77	TEARS	VLM
	ALL	WF THEA CLASS		1500-1700 HOLES (LIST)
		CORD.TION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	: 34 - 40	: 41 - 47	48 - 55	≥56	" ;	MEAN WIND SPEED
N	• 2	1.1	2.1	5		.1			i			4.4	8.5
NNE	• 4	3	• 3	•2								1.3	6.3
NE	• 4	1.5	• 6					:			:	2.7	5 • 5
ENE		.4	• 9	• 1					-			1.7	6.8
€	•0	•2	• 3	• 3								1.5	7.2
ESE	1.0	1.7	• 2	• 3 !	. 1			!				3.3	5.3
SE ,	1.5	2.7	3.6	2.1;								9.8	7.5
SSE	.9	2.0	2.0	1.5					1		,	6.4	7.2
S ,	. 3	1.3	1.0	- 4								3.1	7.3
ssw	• 4	1.0	•9	2.5	. 7	• 2			i		1	5.8	11.6
sw	.2	1.2	1.6	2.5	. 6				I		1	6.0	10.3
wsw	.0	2.3	2.5	3.7	1.5	. 3					!	10.8	10.9
w [;]	i.C	4.61	6.2	5.5	. 3			<u> </u>	i			13.1	9.3
WNW "	. 9	1.6	3.0	.3				!		l		6.4	7.1
NW i	. 7	, 4	. 4			<u> </u>			!			1.7	5.5
NNW	.1	.4	•7			• 2		ļ	<u> </u>		1	1.5	3.5
VARBL .	1.9	2.8	3.5	3.1	.7	- 3		1	i	i	i	12.3	9.2
CALM	><	$\geq <$	><	><	><	><	$\geq \leq$!>><		3.3	
	11.4	25.7	30•ó	23.4	4.4	1.2		-		! ———— !		100.0	2.4

TOTAL NUMBER OF OBSERVATIONS

DATA PROCESSING RRANCH ETAC/USAF AIR «LATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

34055 station	HAHN AR / HUMSRUCK GERMANY	<u>50-77</u>		<u> 407</u>
STATION	STATION NAME		TELAS	80973
	â	LL AESTHE		1800-2000
		CLASS		HOURS (L S T)
		CC+3.7:0 4		

SPEED (KNTS) DIR,	1 - 3	4 - 6	7 - 1G	11 - 16	17 - 21	22 - 27	28 - 53	- 34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	3	1.0	1.9	• 7								3.9	7.7
NNE		•7	• 9	ۇ •					:			2.0	7.5
NE		. 2	• 1	-3_				5	·			1.0	7.3
ENE	•2	1.0	1.1	• 2					1			2.6	7.0
E	•1	•6	• 7	•2	. 2				1			1.8	9.2
ESE	. 4	1.1	• 5	: ۇ •	• 3						ī	2.8	7.9
SE	1.1	4.4	3.0	2.0	• 1			:	i			10.7	7.2
SSE	1.1.	2.7	1.8	1.4:	• 1				!		1	1 7.1	7.1
S	.4	1.1	1.0	1.0	.3		-	i			į	3.9	8.5
ssw	•1	, 3	• 6	1.7	. 7_			i	!		!	4.0	13.8
sw F	- 2	1.6	1.0	2.6	.9							6.5	10.6
wsw	٥.	1.0	3.4	4.2	- 9							10.1	10.8
w	1.2	5,5	7.9	5.7	, 4	4				!	!	21.1	7:2
WNW	.7	1.3	1.7	• ÷	1			1	<u> </u>	ī	i	4.2	7.0
NW	.4	Z	.4	.4	.1					:	,	1.7	9.0
NNW	. 2	• 2	• 3							1	;	.6	5.1
VARBL	.7	1.9	3.4	3.3	9	1						10.6	
CALM		><	><	><	><	><	$\triangleright <$		$\supset <$			5.3	
	8.6	74.8	30.6	24.5	5.1	1.0						100.0	

TOTAL NUMBER OF OBSERVATIONS 999

MATA PROCESSING RRANCH ETAC/USAF AIR *EATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

34055	HAHN AR/HUNSPUCK GERMANY	£a.≠77	Nuv
STATION	STATION NUME	Tats	60478
	AL	L neather	2100-2300
		CLASS	909#\$ (U.S.T.)
		CONC Tage	

SPEED (KNTS) DIR.	1.3	4 - 6	7 - 10	11 - 16	17 - 2:	22 - 27	22 - 33	: 34 - 40	41 - 47	48 - 55	≥ 56	<u>.</u>	MEAN WIND SPEED
N	• 2	.9	.4	. 4								2.0	7.3
NNE	• 2	ċ	1.3	• 1					:			2.2	5.9
NE	. 1	•2	• 3	- 4					i .			1.1	8 • 8
ENE	• 1	1.1	, 4	•1				1				1.5	6.3
Ε.	• 2	.ż	1.2	• ¿	•2							2.1	8.3
ESE .	. 9	1.0	ذ ٠	4.0								3.1	7.3
SE	1.7	4.0	2.2	2.9								10.8	7.i
322	7	2.0	2.0	1.3	1							6.0	7.
S g	• 9	.₿	• 7	.7					<u>. </u>			3.0	7.2
ssw	. 4	1.0	1.2	1.6	7 !	- 4						5.0	_11.5
sw	. 3	. 9	2.4	2.2	. 4	4	<u> </u>	<u> </u>	į	i	!	5.8	11.5
wsw	1.0	1.3	2.0	4.2	.8	1	•1	!	1			10.1	10.7
w	1.3	5.6	7.8		. 3				1		1	22.6	9.1
www .	.3	2.2	1.4		1		<u> </u>	<u> </u>			1	4.8	
NW ;	٤٠.	.6	. 9	. 4			!		<u>i </u>		<u>i </u>	2.4	7,5
NNW	•1	,6		- 3			<u> </u>		1	:	1	1,7	7.7
VARBL	1.1	1.6	2.9	2.1	.6	.4		<u> </u>			!	3.7	9.8
CALM	><	$\geq <$	$\geq <$	$\geq \leq 1$	$\geq \leq$	$\geq \leq$				><		5.8	
	10.2	25.5	28.0	24.2	3.6	1.6	•2					100.0	

TOTAL NUMBER OF OBSERVATIONS

USAFETAC $\frac{\text{COLM}}{\text{XX}}$ 6-8-5 (OL-A). PREVIOUS EDITIONS OF THIS FORM ARE OBSOLUTE

DATA PROCESSING PRANCE ETÁCYUSAF AIR REATHER SERVICE/PAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

34055	HAHN A-/HLASPUCK BERMANY			
STATION	station hand		TELES	e9ets
		LL *F,THE.		ALL
		CLASS		moses (LST)
		Capitos		

SPEED (KNIS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥:6	•	MEA WIN SPEE
N		6	1.4		.0			·				3.0	7
NNE	• 2	.4	1.0									1.9	7
NE		.6		• 2								1.4	
ENE		. 7	• 6	• !								1.6	7
E	9 4	. 4		-4								2 1.5	A
EÆ	. 3	1.1	• 3	. 5								7.8	6
SE	1.4	3.7	2.9	2.1	ع و							10.2	. 7
SSE :	1.2	2.3	2.1	1.2	.0							. 6.P	6
S Ì	• >	٤.	1	7 !	. 2							3.2	5
SSW	2	.6	1.0	1.2				·	'			4.2	12
sw [ڌ ۽	1.1	2.4	2.5	.7							7.5	10
wsw -	.5	1.4	2.9	3.3	lel		•			· .		9.6	10
w	1.C	5.0	8.2	5.3	1.1	. 3	.0.	.0				20.9	9
WNW	• 8		2.1	. 5	.0				1			5.4	5
NW .	• 3	.6	.7						<u> </u>			1.9	<u>' 7</u>
HNW	. 2		• 4	•2	.ე	.0						1.2	7
VARBL	1.1	2.1	4.0	3.3	. 8	- 4	c		1	<u> </u>		11.9	9
CALM	><	><	><	><	> < 1	><	><	><	><		><	4.8	
,	9,7	23.9	32.1	22.9	5.1	1.4	• 1	.0				100.0	8

TOTAL NUMBER OF DESERVATIONS 7189

DAIA PRECESSING BRANCH ETÁC/USAF AIR MEAIHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

34055	HAMIN AF / HUNSRUCK GERMANY			<u> DEC</u>
STATION	STATION NAME	4811	t£	ACRTH
	AL	L NEATHER		0000-0500 HOURS (L S.T.)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	, *	MEAN WIND SPEED
М		1.5	1.3	• 2			1					3.5	6.2
NNF	• 1	. 5	• 6	•1								1.4	6.6
NÉ	.21	8.	•6	• 2								1.8	7.2
45		. 4	. 7						Ī	,		1.5	7.4
£	. 1	.9	1.0	• d	.2		!					2.9	8.3
ESE	• ઇ	2,7	3.2	l.3	• l		;					8.1	7.4
SE .	2.0	2,9	6.1	4.0	.1		,					15.2	2.3
SSE :	•9	1.4	3.0	1.1			!					5,3	7.3
5 ;	٤.	.6		• 4	1					1		1.7	7,6
ssw ;	. 3	. 3	, Ś	• 3								2.2	8 • 4
sw		1.9	1.2	1.9	.6							5.8	10.
wsw	.4	2.4	2.5	2.2	. 5	. 1		1				7.8	9.3
w	.8	4,9	S.l		.4					T		16.9	8.5
WNW	1.1	, 5	2.0	1.3								4.9	8.0
NW	1.0	.5	•5									2.9	6.8
NNW	٤.	5	• 3	٤.					1			1 1.5	6.7
VARBL	2.3	1.6	4.4	1.9								10.5	7.6
CALM		$\geq \leq$	\geq	$\geq \leq$	\geq	\geq						5.2	
	11.1	24.5	36.6	20.2	2.3	• 2						100.0	7.7

TOTAL NUMBER OF OBSERVATIONS

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING PRANCH ETAC/USAF AIR "EATHER SEPVICE/"AC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

HONTH
-0500
S (L S T)

SPEED (KNTS) DIR	1-3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	ا و و	l.ö.	• 9	, ,				ļ				3.5	5,9
NNE	. 3	. 8	1.2	• 3								2.5	7.0
NE	4	5	• ở							!		1.7	5.0
ENE	!	.6	• 4	• 2								1.3	7.2
E		1.7	1.4	• 4	• 2							3.8	7.9
ESE	. 8	3.5	2.3	1.0	• 1			<u> </u>	<u></u>	· 	1	7.6	7.0
SE	1.4	4.5	4.6	3.6	• 1			<u> </u>				14.4	8.1
SSE	1.2	2,5	2.02	1.9				<u> </u>	<u> </u>	<u> </u>		7.7	7.5
S	,9	5	•6	. 3	. 2			L		<u> </u>	! !	2.6	7.3
SSW	•4	.3	• 8	1.1	2			<u> </u>	<u> </u>	<u> </u>	!	2.8	10.1
\$W	.4	1.1	1.1	1.8	. 3							4.7	9.6
WSW	.9	1.7	2.8	1.7	1.0	i				<u> </u>	l	8.1	9.7
w	.9	4.8	8.4	4.0	, 3			<u> </u>				18.6	9.7
WNW	1.0	1.6	1.0	• 2						ļ <u> </u>	<u> </u>	3.8	5.6
NW	• 5	. 2.	• 5	1.0					<u> </u>			2.3	8.2
NNW	,2		•1	• 3				<u> </u>			<u> </u>	•6	9.2
VARBL	1.1	1.8	3.4	1.8	,2			Ļ		L		8.4	8.3
CALM	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$		$\geq \leq$	5.5	
	10,8	28.2	32.4	20.2	2.7							100.0	7.6

TOTAL NUMBER OF OBSERVATIONS 0.3.0

DATA PROCESSING BRANCH ETAC/USAF AIR MEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

34055 STATION	HAHN	AR/HU'	SPUCK	GERMAN	Y			77		TEARS				£
******		<u></u>				ALL HE	THF x						0600	-0800
		_				коз	PITION							
	SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 40	41 - 47	48 - 55	≥56	* .	MEAN WIND SPEED
	N	.6	1.5	.4	• 3 .								2.9	5.4
	NNE	*	.6	1.2	• 1					1			1.9	7.8
	NE .	• 0	• 0	.4	• 6					!		'	1.9	5.7
	ENE	• 2	.4	.8	• 4					1			1.8	8.1
	E	. 4	1.2	1.3	• 6	.3					*····	•	4.5	
	ESE .	5	1.9		1.0				!			·	8.0	8.1
	SE .	1.7	3.3		3.5	.4				i i			14.7	3.2
	SSE	1.3			1.7	. 1			1		!		8.0	7.1
	S	• 8	3	• 4	.21	•1	1		-				1.9	7.4
	ssw	3			• 5	. 5			1	1		:	2.2	11.7
	sw	. 2	6.	2.2	1+6	.1				!	i	1	4.8	9.8
	WSW	1.0	1.5	1.9	1.8	.8							7.1	9.2
	w	1.1	4.4	8.5	3.0	.6	- 1			!	1		17.8	8.6
	WNW	.5	1.1	1.5	• 3	. 1					1	Ī	3.9	7.1
	NW	• 2	.4	• 5	•9						!		2.0	9.1
	NNW	.1	.1	•3	. 2							:	• 8	8.1
	VARBL	1.5	2.7	3.7	2.4	.2	•1				i		10.5	8.0
	CALM												5.2	

TOTAL NUMBER OF OBSERVATIONS 930

UATA PROCESSING FRANCH ETÁC/USAF AIR «EATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

34055	HAHH AM/HUMSMUCK GERMAMY	~~77	DEC
STATION	STATION HAME	YEARS	MOMTH
		ALL WESTER	0900-1100
		cus	HOURS (L.S T.)
		CONDITION	

SPEED (KNTS) DIR	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	. 4	• 0	. 9	• 1						!		2.0	5.9
NNE		. 3	1.2	. 4								1.9	5.8
NE	•1	. 5	1.3	• 1								2.0	7.8
ENE	•1	.1	1.0	٤. •								1.5	3.9
ξ	.4	. 9	2.0	_1.0					T '	!		4.3	8.3
ESE		2.4	3.0	1.0					1			7.0	8.5
SE	• ð ¹	3.3	6.0	5.1	.4_					i_		16.1	9.2
SSE	1.3	1.9	3.0	1.4	.1			1				7.7	7.4
S :	. 3 .	. 3	. 3	• 8	• 1		:	1				1.8	9.1
ssw		• 1	• 2	• ರ	• 2	5						1.8	16.3
\$W	٠ ٤ .	•6	1.1	l. É	. l	•1		1				4.1	10.5
wsw	. 3	1.7	1.9	1.0	• 2		<u> </u>	!				5.8	9.1
w	. 9	4.2	9.0	4.2	, 9	.3	<u> </u>					19.5	9.3
WM/V	• 2	1.6	1.2	• 5								3.5	6.8
NW	. 3	• 5	1.3	• 4			İ	Ì				2.6	7.8
NNW		• 2	.4				I					.6	7.0
VARBL	1.1	3.2	5.5	3.0	.5			<u> </u>				13.3	8,5
CALM	$\geq <$	$\geq <$		><	$\geq \leq$	$\geq \leq$				\geq	><	4.2	
	6.6	22.7	39.9	23.1	2.6	1.0						100.0	8.4

TOTAL NUMBER OF OBSERVATIONS 930

SAFETAC FORM 0-8-5 (OL-A) previous editions of this form are desolete

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DATA PROCESSING PRANCH ETAC/USAF AIR *EATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

HAHN AS/HUMSPUCK GERMANY	58•77	0£ć
STATION NAME	TELES	MORTH
Δ	1200-1400	
	CLASS	HOURS (L S T.)
	CONDITION	
	STATION NAME	STATION HAME ALL WEATHER CLASS

SPEED (KNTS) DiR.	1.3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN SPEED
N	• 2	1.0	1.2	• 3				1		,		3.0	5 •
NNE		1.1	• 5	4 %						·		2.0	7.
NE			1.2	• 5		<u></u>	· -		i			2.7	<u> 6.</u>
CIVE	1	.3	• 3	1.1		!			i				<u>i 10.</u>
	4	1.2	2.4	1.0					! 			1 4.9	3 •
ESE	. 3	2.4	2.8	1.6		<u> </u>			<u>. </u>			7.1	7.
SE	1.0	4.31		4.3	. 3	<u></u>	<u> </u>	<u> </u>	<u> </u>	l		15.8	_ ξ.
SSE	• 0		2.6	1.0	.3	<u>!</u>		!	<u> </u>	<u></u>		5.7	<u> </u>
_ <u>s</u>	! • .	• 5	•6	• 5		<u>!</u>		<u>i</u>	<u> </u>	<u>: </u>		1.9	8.
SSW	. 2	.1	•3	• 5				<u> </u>	<u> </u>	<u> </u>		1.2	9.
sw	• 1	.4		<u> </u>	.3			<u> </u>	<u> </u>	<u> </u>		7 2.9	سا
wsw	.3	.8	2.5	2.2	.5		<u> </u>	<u> </u>	!	<u> </u>		6.2	10
٧/	1.6	3,9	8.4	4.1	1.4	<u> </u>	<u></u>	<u> </u>	:	; ,		19.7	9.
WNW	.9	1.6	2.2	1.0		<u> </u>	 	<u> </u>	<u> </u>	<u> </u>		5.6	<u> 7</u>
NW	5	•1	• 8	•2		 -	<u> </u>		<u> </u>	<u> </u>		1-6	-2.
ииw	.4		.3			 	<u> </u>	 	 			! iel	5.
VARBL	2.2	3.9	4.2	3.2		<u> </u>	_		Ļ	\		14.0	8.
CALM		><	><	><	><	><	$\geq \leq$		><		><	2.8	
	9.0	23.7	36.8	23.3	3.4	. 4						100.0	8.

TOTAL NUMBER OF OBSERVATIONS

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DATA PROCESSING FRANCH ETAC/USAF AIR FEATHER SEPVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

34055	HAHN ARTHUYSPUCK GERMANY	55 -77	ა€C
STATION	STATION NAME	16245	MTROP
	AL	L WESTHIE	1500-1700
		ELASS	HOURS (L S T.)
		CONSTITUTE	•

SPSED (KNTS) DIR	1.3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	23 - 33	: : 34 - 40 ;	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	. 3	.3	1.4					1				2.3	á . 8
NNE	• 3	•8 '	• 3	• 1/4								1.5	5.3
NE	5	1.0	• 5	• 0								2.9	6.7
ENE	-41	1.0	1.2	. 4				·				3.0	7.4
E	. 9	1.7	1.9	• ()					<u> </u>	:		5.2	6.0
ESE	. 6	1.7	3.0	• 6		<u></u>		:	<u> </u>	<u>i</u>		6.0	7.3
SE	1.21	3,3	5.9	5.7	. 4					!		16.0	8.5
SSE	5 !	1.4	1.9	1.5				:	<u> </u>	1		5.7	2.3
<u> </u>	!	. 8	• 4	• 5				<u>L</u>	<u> </u>	<u> </u>	,	2.3	7.1
ssw	: 2	. 2	• 5					<u>:</u>	<u> </u>	1		1.6	2.3
sw	4	5	1.5	2.2	4		<u> </u>		<u> </u>		·	5.1	10.6
WSW	5	1.3	1,9	1.0			<u> </u>	<u> </u>	<u></u>	<u>!</u>		5.5	8.7
<u>w</u>	1.6	4.6	8.0		. 4			<u> </u>	<u> </u>		! ! _	19.1	8
WNW	1.0	1.8					L			i	! !	5.2	6.6
NW	.3	3		• 7				<u> </u>	<u> </u>		! !	2.2	8.4
NNW	.2	3	• 3						<u>i</u>	<u> </u>	: L	1.1.1	7.8
VARBL	<u> </u>	3.0	4.0	2.7			Ļ	Ļ		ļ		11.2	5.6
CALM		$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	3.7	
	11.3	24.1	36.1	22.6	1.9	.3						100.0	7.9

930

DATA PROCESSING PRAMON ETAC/USAF AIR MEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

34055	HAHN ABIHUMSPUCK GERMANY	50 -77	υEC
STATION	STATION NAME	76.25	MONTH
	ين ا	L ME_THER	1800-2000
		crass	HOURS (L S T)
		COMDITION	

SPEED (KNTS) DIR.	1.3		4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	, 34 - 40	41 - 47	48 - 55	. ≥56	, ,	MEAN WIND SPEED
N		4	. 8	1.3	_ • 2					,			2.8	7.1
NNE		2	• 3	1.0	٠.3								1.9	3.1
NE		4	• 2	1.0					1				1.8	7.2
ENE		4	1,1	1.1	• 1				1				2.7	6.2
E	•	4	2.2	1.3	• 5 ,				!				4.9	5.3
ESE		ĉ	2.4	2.5	1.1	2.2]				6.9	7.6
SE	1.	1.	2.2	7.2	4.9	. 2		!		1	i	1	15.6	9.2
SSE		5	2.5		2011			1		i			7.2	7.9
5			.9	• ?	• 4				1	1	1		1.5	7.6
ssw	•	9	, 4		•.5	. 2			1	l			2.7	8.4
sw		4	. 9	1.5	1.3	_ ,5		1	1		1	!	4.8	10.3
wsw	<u> </u>	5	1.4		2.4	. 2			1	·			7.0	9.1
w	1.	٥.	4.9	8.0	3.5	.4				t			18.4	8.3
WNW	1.	1	1,5	2.0	. 9				<u> </u>	<u> </u>	<u> </u>	1	d 5.5	7.1
NW			. 4	1.0	. 3					!	<u> </u>	1	1.7	8.6
NNW	1			.61									1.0	9.9
VARBL	4 1.	1.	1.5	3.3	2.3	8,	- 4.				1	İ	9.1	9.5
CALM	\geq		$\geq \leq$	$\geq \leq$	$\geq <$	$\geq \leq$	$\geq \leq$	\geq					4.5	
	9.	3	23.4	37.4	21.7	2.6	. 5						100.0	8.0

TOTAL NUMBER OF OBSERVATIONS 930

DATA PRECESSING ORAICH ETACYUSAF AIR -EATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

34055	HAHN AF/HUMSPUCK GERHAMY	56-77		OEC
STATION	STATION NAME		TEARS	WORTH
	<u> ۽ ا</u>	L AF THE		2100-2300
		CLASE		HOURS (L.S.T.)
		CONDIT.69		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33] 34 - 40 	41 - 47	4° - 55	≥ 56	, ••• ,	MEAN WIND SPEED
N		1.4	• 6	. 3			r					2.7	4,4
NNE	• 5	.9	• 0					·	,		1	2.3	5.4
NE	•1	2	. 3			<u> </u>		1				1.1	R 4
ENE	1	1.6	ذ	• 2		1		<u> </u>	,			2.5	6.9
E	. 4	1.7	1.6	C C							Į.	4.6	7.5
ESE	1.0	1.3	3.0	• 6	•.1							5.8	7.05
SE	2.0	2.7	5. ಕ	4.∈		<u> </u>		i		,	}	15.5	S . 5
SSE	. 5	2.0	2.0	1.4								6.8	7.5
S	<u>. 8</u>	. 3	• 4	• 2		1	1				<u> </u>	1.7	5.6
ssw	. 4	. 4	<u>5</u>	• 6	. 2		t !	! !			!	2.3	9.0
sw	. 2	1.6	1.6	1.1	.5	1						5.2	9.7
wsw	:	1.9	2.0	1.7	. 4	i I		I			i	6.9	8•
w	1.1	5.3	7.3	5.4	. 3	!						19.4	8 •
WNW	5	1.7	1.4	.9			<u></u>	1			1	4.5	<u>: و7</u>
NW .	2	. 1	1.1	•1		<u> </u>	<u> </u>	l				1.5	7.7
NNW	- 1	.4	• 6	3		1			<u> </u>	i	i	1.5	7.5
VARBL	. 3	2.2	4.2	2.2	• 5			i				9.8	9.0
CALM	$\geq \leq$	\times	\times	$\geq \leq$		$\geq \leq$	$\geq \leq$		$\geq \leq$	$\geq \leq$	$\geq \leq$	5.2	
,	10.3	25.8	35.2	21.2	2.3	- 1			1			100.0	7.

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLE

DATA PROCESSING PRANCH ETÁC/USAF AIR *EATHER SERVICE/MAC

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SURFACE WINDS

TOTAL NUMBER OF OBSERVATIONS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

ALL AF THE

						CON	DITICA							
					-									
	SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
	*	. 5	1.1	1.0	• 3								2.9	6.3
	NNE	• 2	.7	• 8	• 6								1.9	7.6
	NE	.3	.6	• 5	<u>ة و</u>								2.0	7.
	ENE	.2	.7		• 4								2.0	7.5
	E	.4	1.4	1.7	•7	.1							4.4	7.
	ESE	•6	2.3	3.0	1.2	.1							7.2	7.
	SE	1.4	3,3	0.0	4.4	.3					,		15.4	5.5
-	- \$SE	.9!	2.0	2.4	1.5	.1							6.9	7.
	\$.5	_ ,5 1		• l <u>+</u>	.1							1.9	
	ssw	3	ا ز.	. 5	• 7			·	:	·			2 • 1	16.
	- SW	3	1.0	1.3	1.6	. 4	.1			1			4.7	10.
÷ .	WSW	.6	1.6	2.2	1.9	.5							6.8	9.
2	W	1.2	4.6	8.2	3.9	,6		l	:				18.7	٤.
	WNW	.8	1,4	1.7	.7	.0		L		<u> </u>	·		4.6	7-9
S.,	NW	4	.3	•9	<u>ڊ</u> و	•0			1	1	1		2.1	7.5
, e _{sk} je j	_ NWW _	•2	.2	• 4	• 2		.0		i	i	· — —		1.0	7.
	Z-VARM.	1.4	2.5	4.1	2.4	.4	- 1		!				10.8	\$•⁴
	CAIM	$\supset \subset$	><	><	><	><	><	$\geq \leq$		$\geq <$	$\overline{}$	> <	4.5	
		10-1	24.6	36.3	21.5	2.6	- 4					<u> </u>	100.0	7.

USAFETAC FORM G-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING PRANCH ETACYUSHF HIR HEATMER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

34 35 5 STATION	HAHR AP/PU-SPUCK GERPLIY	50-78 TELES	ALL BOATH
•1-1		* * 10	ROURS (L.S.T.)
		hpitsea	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	[17 - 21 	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ \$6	•	MEAN WIND SPSED
N	-9	3.1	1.7	• 5 .	•0							5 • C	6.0
NNE	• 5	1.6	1.4	• 3	.0					_		3.7	6 • 5
NE	٤.	1.0	• 9	• 3_	.0					·		. 2.6	6.0
ENE	. 3	. 8	1.2	• 5	.0	٠.6	•0		!			2.8	7.5
ē	. <u>.</u> 8	1.5	1.5	• 5	.1	(,				i .		4 • 5	6 • 5
ESE	1.3	1.9	1.4	• 7_	-1	_+'1 [']				,		5.3	6.4
SE	1.6	3.3	3.0	1.7	.1	ر (. •				1	,	10.4	7.0
SSE	1.2	2.0	2.0	• 5	.0	• (6.0	6.0
5 .	• 0 !	.9	• 7	.4	.0	. 0						2.6	5.5
SSW 1	. 3	.5	• 7	• ?	.1	• 9/	•0					2.4	9.
sw	. 31	1.2	1.5	1.3	•2	.1	•0				5	4.6	9.
wsw i	.0	1.9	2.5	1.7	.3	.11	0			!		7.3	8•
w	1.7	5.1	4.1	2.9	.4	. 1	•0	.0		:	1	16.3	7.
WNW :	1.1	2.0	1.5	.4	.0	.0				!	:	5.0	6.
NW	.6	1.1	-9	• 3	.0	•0			i	ţ	:	3.1	6•
NNW :	•01	.8	. 6	• 2	•0	.0			i	<u> </u>		7 2.1	5•
VARBL :	1.8	2.5	3.5	1.9	•2	. 1	• G			:	ī	10.0	7.
CALM	><	$\geq \leq$	\searrow	>	\geq	\times	\geq	\geq	\geq	\geq	$\geq \leq$	6.2	
	14.7	30.3	31.9	14.8	1.7	. 3	•0	.0				100.0	5.

TOTAL NUMBER OF OBSERVATIONS

USAFETAC FORM 0-P-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

JATA PROCESSING FRANCH ETAC/USAF MIP MEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

I'STRU FNT CIG 200 TU 1407 FT #/ VSAY 1/2 MT DK MCRF,

SPEED (KNTS) D:R	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	4] - 47	48 × 55	≥56	. •	MEAN WIND SPEED
N	• 3	2.1	2.4	_ •5	•0							5.9	5.€
NNE	• 3	1.2	1.6	ز .	.0							3.5	7.1
NE	• 3	. 8	1.1	+ 4	. C .							2.6	7.3
ENE	•2	•6	1.0	•4	•0							2.3	7.3
ε		• 6	• 8		.0.							2.4	7.0
ESE	.7	1.1	9	•7	.1							3.4	7.3
SE	1-6	2.3	3.5	2.0	.2							9.0	5.0
SSE		1.5	2.0		.1							5.2	7.3
S		-5	•6	• 4	•0.				:			1.5	7.5
SSW	2	•2	5	•6	.1 :	;	•3					1.0	10.2
sw	: .2	.8	1.7	1.0		• 1	•0			-		4.7	10.3
wsw	5	1.6	3.2	2.3	.5	.1						3.7	
~~ ~	1.03	5.9	9.4	5.5	, 8	.:		.0				23.1	5.9
WNW	1.0.	2.3	2.3	• > :		0						5.1	6.7
NW	5	1.2	1.1			.0		1		•		3.4	ó.7
NNW	.41	.8	.7	• 2	I			i				2.1	6.3
YARBL	1.4	1.9	3.5	2.5	.41		•0	;		•		9.8	8.9
CALM		$\geq \leq$	>	><	$\supset \subseteq$	$\geq \langle$	>	><	$\geq <$	> <		4.4	
	10.7	25.6	36-1	20.0	2.7	- 3	• 1	.0				100.0	7.9

TOTAL NUMBER OF OBSERVATIONS

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART D

CEILING VERSUS VISIBILITY

This summary is a bivariate percentage frequency distribution by classes of ceiling from zero to equal to or greater than 20,000 feet and as a separate class "no ceiling", versus visibility in 16 classes from zero to equal to or greater than 10 miles. Data are derived from hourly observations, and three sets of tables are presented as follows:

- 1. Annual all years and all hours combined
- 2. By month all years and all hours combined
- 3. By month by standard 3-hour groups

Due to the cumulative nature of this presentation, it is possible to determine the percentage frequency of occurrence for any given limit of ceiling or visibility separately, or in combination of ceiling and visibility. The totals progress to the right and downward. Ceiling may be determined independently by referring to totals in the extreme right hand column. Also, visibility may be determined independently by reference to the horizontal row of totals at the bottom of the page. The percentage frequency for which the station was meeting or exceeding any given set of minima may be determined from the figure at the intersection of the appropriate ceiling column and visibility row. Several examples in the use of these tables are shown on pages 2 and 3 below.

U. S. Weather Bureau and Navy stations did not report ceilings within the range 10,000 feet and higher prior to January 1949. Summaries prepared from data for these stations using the earlier period and data subsequent to January 1949 will be modified to limit ceilings to 10,000 feet. Short periods of record prior to 1949 for these stations will be eliminated from the summary. For Air Force stations, the "no ceiling" category includes clear and scattered conditions, and ceilings above 20,000 feet for period through June 1948. Beginning in July 1948 for Air Force stations and January 1949 for USWB and U. S. Navy stations the "no ceiling" category consists of observations with less than 6/10 total sky cover and those cases where total sky cover is 6/10 or more, but not more than 1/2 of the sky cover is opaque.

Beginning in January 1968, METAR stations report visibilities to 6 miles and then greater than 6 miles. Thus, for METAR stations, the category equal to or greater than 10 miles is not printed in the tables, unless the summary was for a period ending before January 1968.

Continued on Reverse Side

The state of the s

EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION

CEILING							Vi	SBILITY IST	IM STLTA	LESI						
(FEET)	≥ 10	4≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 ⅓	≥ 2	. ≥ 1½	21%	≥ 1	1 ≥ 1/4	≥ %	. ≥ %	≥ 5/16	≥ ¼	. ≥ 0
NO CEILING								<u></u>		\leq						
≥ 1800 ≥ 1500					91.0											92.6
≥ 1200 ≥ 1000											i					
≥ 900 ≥ 800								O II illeade austrill						e de la companya de l		
≥ 700 ≥ 600						THE PERSON AND THE PE		The state of the s								
≥ 500 ≥ 400					HAT THE PERSON NAMED IN COLUMN					97.4			<u> </u>			98.1
≥ 300 ≥ 200					THE PERSON NAMED IN COLUMN 1											
≥ 100 ≥ 0					95.4	- I - III	96.9		-	48.3					THE STREET	100.0

- EXAMPLE # 1 Read ceiling values independently of viribility under column at right headed \geq 0. For instance, from the table: Ceiling \geq 1500 feet = 92.6%.

 Ceiling \geq 500 feet = 98.1%.
- EXAMPLE # 2 Read visibilities independently of ceilings on bottom line opposite ≥ 0. From the table:

 Visibility ≥ 3 miles = 95.4%.

 Visibility ≥ 2 miles = 96.9%.

 Vizibility ≥ 1 mile = 98.3%.
- EXAMPLE # 3 To obtain combinations of ceiling with visibility, read figure at intersection of the two categories; i.e.: Ceiling > 1500 feet with visibility > 3 miles = 91.0%.

S74-3961

ADDITIONAL EXAMPLES

Values below minimums stated in the table may be obtained by subtracting the value given in the table from 100%.

Thus, to obtain the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles, subtract the value read from the table at the intersection, which is 91.0, from 100.0. The answer 9.0 is the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles.

Likewise, the percentage of observations with ceiling < 500 feet and/or visibility < 1 mile is 2.6, obtained by subtracting 97.4 from 100.0.

EXAMPLE # 5 To find the percentage of observations falling within the two categories given in example above, subtract the value read from the table for the first set of limits from the value in the table for the second set of limits. The difference will be the percentage of observations meeting the lower set of limits, but not meeting the higher set of limits.

The value 91.0 read from the table at the intersection of \geq 1500 feet with \geq 3 miles, subtracted from 97.4 read from the table at the intersection of \geq 500 feet with \geq 1 mile is equal to 6.44. Thus; 6.4 percent of the observations meet the criteria: "ceiling \geq 500 feet with visibility > 1 mile, but < 3 miles; or ceiling \geq 500 feet, but < 1500 feet with visibility \geq 1 mile."

Since these tabulations are prepared in several ways including by month, by 3-hour groups it is possible to determine diurnal variations of ceiling and visibility limits as well as probabilities of various ceiling-visibility combinations.

MIL PRICESSI'S CARLOW 1541 FILC MIR BAIMER SERVICEY MC

CEILING VERSUS VISIBILITY

3405)

HEATT AT MILE SOUCK WINE TY

67-78

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VISI	B*:-** \$7	TUTE MILE	5						,
FEE7	≥10	≥6	≥5	≥4 ,	≥3	≥2.	≥2	≥ 1 -	≥1.	≥' '	≥ .	≥ .	2	≥5 10	≥ .	≥0
NO CETING		7.1	7.4		10.4	11.3	} .≠		14.0 13.1	12.5 13.5	12.4 13.2	12.	٤.، ١ <u>١</u> .،٢	17.3	۱۶. نوره:	14.1
≥ 1800c ≥ 16000			ರ. 5 _ಕ. ರ	9, 7 9, 4	11	11.3	े १ कर्षे - १ १ कर्षे	12.7	1.0.1 1:.2	13.5	13.7	13.7	ئىر. كى <u>دا</u>	14.5	14.1	150
≥ 14000 ≥ 12000		, z	ಗ.೮ ೮.೮	9.4 9.4	11.	11.5	12	12.9	2.ف! لأ.د!	13.8	13.	13.1	14.1	14.7	15.2	15.
≥ 1000. ≥ 9000			ნ. U ი. c	9.4 9.4	11.	11.8	₹. : 	13.4		14.4		14.0	14.0	15.3	15.7	11 - 1
≥ 8000 ≥ 7000		1, 1	9.5 9.0	14.3	13.3	15.1	1	4.5	15.5	15.9	15.7	15.7	10.4	17.3	17.7	:7./
≥ 6000 ≥ 5000		0 . 7 1 . 3	10.0		13.0	17.2	1 - 3	(5.7	lu. Z	1,,,6	10.	16.5 18.	17.1	17.7	10.7	1
≥ 4500 ≥ 4000	; 	11.7	11.1	12.4	10.4		1 .4	17.4		21.2	150.	12.4	10.0 1.5	17.5	20.0	- 1. 1 - 1. 1
≥ 3500 ≥ 3000		13.9	12.7	14.4	17.u 20.u	17.6 2 (71.7	21.8 24.6	23.1	23.	23.1	23.4	24.1	27.3	1
≥ 2500 ≥ 2000		14.1	17.0	19.	22.7	22.7	2	26.8	27.4	28.9	28.	28.	24.2 32.4		30.4	3107
≥ 1800 ≥ 1500		20.0	20.4	23.2	27.0	27.0 37.4	2.2		32.0	33.5	33.5	33.4	73.7	34.5	25.1 40.8	35.0
≥ 12′ ≥ 1600		27.9 31.3	28.7	32.3	30.7	36.5	31	41.4	42.0	43.5	43.2	43.5	44.0	44.6	45.4	45.7
≥ 900 ≥ 800		32.7	33.1	37.3	42.5	42.6	43.7	49.0 =0.2	48.6 50.9	50.3	50.3	50.3 52.7	54.9	51.4	52.2 54.5	57.1
≥ 700 ≥ 600		34.4	35.3	40.4	46.4 40.4	46.9	5 .6	53.1 55.8	55.0 50.0	55.6	55.5 58.5	55.6 53.4	56.1	56.9	57.4	5 . • (
≥ 500 ≥ 400		34.8	36.9 37.6	42.5	51.4	51.4	5 .3	39.4	60.3		62.3	62.3	1.2.0	63.5	54.1	54.6
≥ 300 ≥ 200		35.8	38.0	44.1	55.7	55.3	61.9	55.1	68.3 70.0	71.2	71.4	71.4	72.0	72.8	73.3 76.0	73.4
≥ 100 ≥ 0		35.8 35.8	38.4	44.7	56.	50.6		59.5	72.4		77.1	78.3	79.7	8.56	86.2	

TOTAL NUMBER OF OBSERVATIONS

. . 9.3

USAF ETAC FORM 0-14-5 (O!. A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PRICESSING TRABEC-USAF ETAC AIR EATHER SHEVECE/MAC

CEILING VERSUS VISIBILITY

MAN AT / AS . SE SON WERE Y

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING		•					VIS	IBILITY STA	ATUTE MILI	ES						-
FEET	 ≥:0	≥6	≥ 5	≥ 4	≥3	≥2 :	≥2	≥1 ;	≥1.	≥1	≥ •	≥ ,	≥.	≥5 16	≥ 4	≥0
NO CEILING ≥ 20000		٠, ٢ ٢. ١	5.1 5.2	7.	7.0	7,2 4,1	.o	: 7.5			16.2				10.	11.1
≥ 1800C ≥ 16000		۲ . ۶	0 • 4 0 • 4		8•4 _ ა.>	? • 44 ? • 5			10.9 11.0	10.9 11.0	10.月 11.)	1' • '1	16.5 11.6	11.1	11.4	11.
≥ 14000 ≥ 12000		5.2	0.3 0.3	7.4 7.4	ر. ده د. ده	, 5	1 .5 1 .5	11.0 11.0	11.0	11.0	11.0	11.	11.0	11.2	11.4	11.7
≥ 10000 ≥ 9000		5.6 4.8	\$ • ₹ 5 • ¥	7 7	9.4	?••! ?•^	11.0	11.d 12.2	11.5	11.8	12.2		11.0	12.7	12.	12.7
≥ 8000 ≥ 7000		7.4	7.5 8.0	8.4 7.0	10.5 10.5	17.3		12.9 3.3		12.9	12.3	13.3	13.2	13.4	13.7	14.7
≥ 6000 ≥ 5000		2.1	გ. გ მ• გ	73 1	11.3	11.3		14.9	14.0	14.0 14.9	14.3	14.1	14.3	14.5	14.7	15.4
≥ 4500 ≥ 4000		2.4 .0.2	9.5	11.0	12.d 14.2	12.3	19		15.0	15.6	15.6	17.3		10.2	10.5	17.1
≥ 3500 ≥ 3000		11.0	11.0	13.0	15.0 17.1	15.6 17.1				18.9	19	19.1	:4.5 21.0	10.8 27.2	20.0	20.6 23.1
≥ 2500 ≥ 2000		17.0 14.6	13.3		16.4 20.1	1°.4 2°.1	• •	22.5 24.3		22.9	23.0	23.1	25.4 25.3	24 • 1 25 • 9	24.3	24 • 1 26 • 3
≥ 1800 ≥ 1500		15.7 19.6	20.0	18.3 22.5	21.3						25.1 21.5	26.3 31.5	26.7	27.3 32.5		25.4 33.4
≥ 1200 ≥ 1000		23.8	24.3		31.1 34.5	31.3 35.1	2.9		36.8 40.5		37.3				36.7	39.5 43.4
≥ 900 ≥ 800		27.3		1 !	36 • 1 36 • 4			41.7	42.2		42.5	43.1	43.4 45.1	44.1	44.3	45.1 47."
≥ 700 ≥ 600		25.7			41.0	41.2			47.7 52.2				49.1 53.7	49.9 54.4		50.9 55.4
≥ 500 ≥ 400		37.8	34.7 34.7	38.8 39.9	48.7 51.2	48.9 51.5		56.8 50.2	57.0	58.4	58.0 63.0	50.2		64.5	60.5	01 · 1 05 · 5
≥ 300 ≥ 200		33.4	35.1 35.1	40.2 40.4	52.5 53.5			66.3	65.3 67.7			68.3 72.5		69.7 75.9		70.0 17.2
≥ 100 ≥ 0		33.4 33.4	35.1	40.5			54.5		69.1	73.7				82.0 82.5		92.9 100.€

USAF ETAC 101.04 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATE PROCESOTION TRAINS OUAH ETHO ATRI GATHER SEPVICES FO

CEILING VERSUS VISIBILITY

34055 Hilthian/Hursous

PERCENTAGE FREQUENCY OF OCCURRENCE .FROM HOURLY OBSERVATIONS:

CEILING			_				¥ (\$*)	B., ** STA	TUTE MILE	\$						
· FEET	≥ 10	≥6	≥:	≥ 4	ڏ≤	≥:	≥:	2	≥, •	2	≥ .	2 3	2	25 °s	≥ .	≥
NO CEILING 2 70000		5 . % 1 . %	5.7 K.c	7.3	7.1	- • • •	.1.	19.4)•ល ៤០•៨	1'.3	10.4	1		1:.5	11	. 1
5 ,9000 5 1800€		n. 1	0.G	ε.↓ ε.Α	3. i 3. i	~ . ¾ _^ . 4	: .7 : .d	11.7	11.1	11.8	:2.2	12.3	ر م	• • • •	13.4	1
≥ 14000 ≥ 12000		, 1	5 • d	ა.რ ა.ფ	7.4 9.d	~ . T	1,.4	11.2	11.d	12.4	14.4 14.3	12.7	ات. يا ات. يا		د.د: ۱.۰۱	1 1
≥ 10000° ≥ 9000°		7.7 7.1	7.1 7.3	5.7 3.9	10.4	1 . 4	1:04	11.7	12.3	13.3	:3,c l:	13.3	م. ڏ : س ر ا	14.9	14.3	13.
≥ 8000 ≥ 7000		7.2	7,; 2,4	6.8 10.3	11.7	11.5	11.7	12.5	13.1	14.6	14.1	15.1	}4,4 10,4	14.9 13.9	15.7	15.0
≥ 600% ≥ 5000		7.9	5.4 9.1	i(.d	12.7	11.6	10	14.4	14.0	11.7 5.8	12.1	15.	15.4 <u> </u>		$\frac{10.3}{17.3}$	17.
≥ 4500 ≥ 4000	<u> </u>	٠.٦ <u>٤٠٦</u> :	۰.6 <u>لاء زا</u>	12.5	13.1	13.1	1 . 4	15.7	15.6 17.1	1 = 0	16.0	12.7	17.0	17.4	17.7	6
≥ 3500 ≥ 3000		11.4	11.1	15.1	10.4	15.9	1 .1	13.2	13.6	21.2	19.3 21.4	21.4	اد د د ^ اد مک ²	29	21.3 23.1	23.7
≥ 2500 ≥ 2000		17.7	17.4	16.4	22.:	1°.6	2 . 2	1.4	22.1 2.7	23.1	23.1	23.7	77.14 71.5	24.7	23.4	64.4
≥ 1800 ≥ 1500		21.7	10.01	20.2	22.5	27.7	۲٠۰٤ 2 .5	25.9 30.7	25.6 31.3	27.8 32.5	26.4 36.4	33.1	76.7, 23.2	34.0	34.	37.5
≥ 1200 ≥ 1000		25.6	76.4 26.9	27.1	30.0	37.7	3 9	4.1ر د.6:	34.8 37.1	30.0	36.3 36.7	30.9 30.1	30.7 31.3	37.5	35.4	۲۰۰۰ ۲۰۱۰۲
≥ 900 ≥ 800		22.2	27.9 29.0	30.7 37.5	34 · 5 36 · 7	34.4	3 . 0	38.3 1.2	39.0 42.0	42.4	40.7	40.9	44.3	45.7	42.1	4 . 2
≥ 700 ≥ 600		27.5	31.1	35,4	38.0 41.4	38.9	4:02	43.5	44.2	46.0	46.5	45.4 42.4	47.1	47.5 51.2	48.3 52.1	4° • ·
≥ 500 ≥ 400		31.6	33.d	38.1	44.7	44.8	5 .0	50.7 53.8	51.7 54.8	53.8 57.7	54.il	54.5	15.1 55.3	55.8 25.1	50.0	57.1
≥ 300 ≥ 200		32.4	35.4	39.5	49.5 50.0	57.8	57.3	58.3		67.4		69.7	* 2 · 4 7 · . 2	72.2	57.1 72.2	74:07
≥ 100 ≥ 0		32.4	35.2 35.2	40.3	50.4 50.4	50.8	57.5 5;.6	01.9	63.8 63.9	69.9	71.4 71.4	72.9	74.6 75.0	79.d 50.3	84.1 65.0	- 1

TOTAL NUMBER OF OBSERVATIONS.....

929

USAF ETAC JULIA 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLI

DATA PRICESSING FRANCH USAF EIAC AIR REATHER SERVICE/"AC

CEILING VERSUS VISIBILITY

34055

HAHA AS / A / STUCK JEKKA 1

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VI51	BILITY STA	TUTE MILE	:S						
' FEET	≥ '0	≥6	≱ 5	≥.4	≥ 3	≥2 -	≥ 2	≥1 -	≥1.	≥1	≥ ′₄	≥`×	≥ .	≥5 16	≥ .	≥0
NO CEILING ≥ 20000		7.3	D . I	7.1	9. 11.4	7.1	11.9	13.0	11.5	12.0 15.2	12.	17.7	12.6 12.8		10.0	1 1 1 1
≥ 18006 ≥ 16006		~.n	8•ძ 8•ძ	10.4	11.5	11.6	12	13.2	15.1	15.5 15.9	15.7 15.3		10.1		17.3	17.
≥ 4000 ≥ 12000		7.4 0.5	9.7	10.5	_	12.3	ار . ط ار . و	13.9	15.3	16.1 17.2	16.c	14.7 17.7	17.6	17.1	17.3	1 ,
≥ 10000 ≥ 9000		7,5 9,6	9.7 lu.û	11.5	13.6	13.2 13.5	12	14.9	10.0	17.3	17.7	i 0 •	1.1		19.4	10.2
≥ 8000 ≥ 7000	<u> </u>	10.4	10.5			14.1	17	15.8	17.3	1 . 7		19.5	17.1	20.3	20.2	2001
≥ 6000 ≥ 5000		17.5	11.0	12.9		14.8	1 .5		13.3	10.2 20.2	20.1	27.1	20.3	21.7	21.4	210
≥ 4500 ≥ 4000		11.7	12.0	13.9	17.4	17.6	1 .7	20.0	19.5 21.5	27.5	21.1 23.1	21.	21.5	24.3	22.7	?3.1 <u>/***</u> 2
≥ 3500 ≥ 3006		14.5	14.1		20-1	27.1	1 .7 21.2	21.7 23.2	23.2	24.2	24.2 26.5	25.1 26.5	27.2	26.0 29.0	25.7 28.0	را ۲۰۶ <u>م</u>
≥ 2500 ≥ 2000		15.7	1,700	18.2 21.5	25,4	21.7	2:•1 2:•0	25.4 29.2	27.1 31.0	28.1 31.9	28.7 32.7	28.7 33.7	29.4 33.4		36.3	د ۱۰ د ر د ۲۰
≥ 1800 ≥ 1500		23.4	24.5		27.u	27.1 37.8		30.9	32.7 36.7	33.7	34.4 33.0	34.7	33.2 33.4	35.9 40.1	30.7 40.7	37.7 41.4
≥ 1200 ≥ 1000		27.3	29.0 30.2	33.0	35.5	35.6 37.1	3 . 1	39.7 41.5	41.7	43.0 44.9	43.6	44.1	44.5	45.3	46.3	46.5
≥ 900 ≥ 800		29.7	31.2 31.8		38.5 40.0	38.6 40.1	4 . 8	45.1	45.3	46.7 48.5	47.4	47.7	50.1	48.9 57.9	49.7 51.7	54
≥ 700 ≥ 600		30.5	34.1	36.0	41.0	41.1		50.1	42.2 52.2	5(.2 54.3		51.4 55.5	55.5		53.4 57.5	٤٠٠ د_
≥ 500 ≥ 400		32.4 33.0	35.8	40.2	47.3	46.1 47.5	4 1 . 1 51 . 2	55.5	55.2 57.7	56.0	52.	59.1 62.7	59.0	54.4	61.4	00.7
≥ 300 ≥ 200		33.2	36.0 36.0	40.5		49.2	54.0 54.4	60.1	63.5	66.2	71.5	68.2	59.8 75.1	77.3	71.5	ol.1
≥ 100 ≥ 0		33.2	36.0 36.0	40.6		49.5 49.5	54.5 54.6		63.9 54.0	70.6 70.8		74.2	77.U 77.1	81.4 51.7	85.9 86.7	94.9 1.00.0

TOTAL NUMBER OF OBSERVATIONS

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USAF ETAC JULIA 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

141 PR C/S 146 484 CF 2546 claC A10 cA10cR 326VTCF/ 40

Hally AT/F/ SPUCK STREET

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS:

TENNS							v (Si	BILTY STA	TUFE MILE	S						
fEE	≥10	≥6	25	24	دَ ≤	≥2 -	≥:	≥	≥`•	≥	٤.	≥ •	₹	≥5 5	≥ .	≥.
NO CENING		5.1	10.1	7.5 il.5	9.4	14.1	1 .8	11.3 15.L	11.7	11.8	11.4	1:.:	17.4	11.9	17.4	12.3
≥ '8000 ≥ '5000		7.7 7.7	10.*	11.4	14.3	14.4	19	15.6	17.3 17.3	17.3	17.5	17.5	17.5	1 - 1,	10.4	15.4
≥ 14000 ≥ 12000		17.3	10.7 11.3	13.2	12.3	15.2	17	17.3	17.8	15.3 15.8	خ . 5! ټـ . 15	19.7	10.7	17.0	13.5 20.4	17.7
≥ 1000€ ≥ 9000		11.5		14.3	15.d 17.d	17.4	i . i	19.5	19.1	1~.7	19.7	23.4	2l.	21.4	20.7	21.1
≥ 8000 ≥ 7000		12.9 13.1	4.ذا 3.7	15.4	15.1	12.5	1 .9	().5 ().8	21.2 21.4	22.3	22 · . 24 · 4	22.5	72.7	22.9	23.4 23.4	27.7
≥ 6000 ≥ 5000		13.7	13.4	15.4	15.4	12.5	2 · Z	1.8	?1.5 22.5	22.4	22.4	22.5) Z . cl Z . c. s	23.1	23.5	23.4
≥ 4500 ≥ 4000		14.7	14.7	15.4	19.0 20.3	P. 21	2.4	22.9	22.7	23.7	23.7 24.4	23.4	34.4 72.4	24	24.3 23.0	25.1
≥ 3500 ≥ 3000		17.7	16.3	18.4	21.5 22.5	21.7	? . 3	24.1 .5.5	24.8	27.2	75.∂ 27.≥	25.1)5.2 77.4	28.5	27.1	27.4
≥ 2500 ≥ 2000		17.4 22.7	2∪•≒ <u>/3•1</u>	25.7 25.4	25 · d	26.4 29.8	3 .9	8.6	29.4	30.3	30.3 7.88	۶۰۵۰ ۲۰ <u>۵</u> ۴	37.9	34.4	31.5	۱۰7 ۲۰۶۵
≥ 1800 ≥ 1500		27.3	29.1	26.5 32.1	30.		3 . Q	9 . 3 د	34.0	35.1	35.1 46.d	35. ¥	35.5 31.2	35.8 41.5	30.4	34.6 42.5
≥ 1200 ≥ 1000		35.4	34.2	37.8 41.1	41.4	42.0 45.8	4.6	45.7 0.0ر	46.0 5c.9	47.0 52.0	47.5 52.	47.7 52.7	٠٤٠١ <u>۲٠٦</u>	52.3	48.5 [3.2	33.5
≥ 900 ≥ 800		35.3 39.1	40.1	44.5	47.4	47.4	5.3	22.0 25.1	53.0 56.1	54.2	54.4 57.2	54.4 57.3	57.7	54.9 56.1	55.4 56.5	55.4
≥ 700 ≥ 600		9.9ر 7.0ز	41.4	45.7	50.5 52.0	51.2 52.9	50	55.0 59.1	58.0	61.8	54.4 51.5	59.5 62.7	79.5 -2.4	62.3	63.2	61.4
≥ 500		41.1	43.7	45.4	55.3	55.8 55.8	51.0	05.1	66.5	69.Q	59.4	67.7 29.4	- 1・日 - 7・4 - 7・4		71.1	71.5
≥ 300 ≥ 200		41.5	44.1	49.4	58.7	58.3 56.7	64.4	57.8 =9.2	70.3	74.2	75.1	75.4 79.1	75.4	62.6	77.8 94.4	78.3
≥ 100 ≥ 0		41.5	44.2	49.4	58.3	58.8 59.8	62.4	09.5	72.4	77.4	79.2 79.4	F-08	22.4 22.4	36.0 34.3	96.0	96.3 100.1

TOTAL NUMBER OF OBSERVATIONS

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USAF ETAC 104 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

3

MATH PROCESSING THE THE MATHEMATIC AIR HEATHER SERVICEMENT

CEILING VERSUS VISIBILITY

3405 441. 45/4.15' JUN 3141 1

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

127 -17-

1E (NS							- 5 8	5."Y \$"A	CE WILE	S						
FEE*	≥ ≎	≥\$	≥5	≥ 4	≥3	≥::	≥;	≥.	≥' ₁	≥	≥ .	٤.	≥ .	25 ≎	٤٠	≥ ა
NO CENING ≥ 20000		12.3	9.J 12.d	9.4 14.9	11.	11.7	1,,5	:2.5	13.3		13.7	13.7	13.0	17.5	1	1 • ·
≥ 8000 ≥ 6000		-	12.d	14.4	15.4 15.4	15.5	1 .5	7,1	ا اد . ا	1:.8	19.3	13.	17.7		19. A	
≥ '4000 ≥ '2500	•		13.1	14.9	10.	16.1	l .9 l .3	7.7	-	10.8	23.4	27.1	12.64		23. s 21. s	1.7
2 10000 ≤	•	12.3	13.7	15.4	16.3	14.5	1.5	:3.1 :3.5	19.5	21.5	26.4	27.07	1.6	_	21.1	
≥ 8000 ≥ 7000		_ 	15.4	17.5	10.7	12.7	1 .3	20.5		23.1	23.0	23.7 24.1	13.0 <u>1</u> 4.4	24.5 24.5	24.5	- 10-1
≥ 5000 ≥ 5000			10.4 16.2	17.5	19.4	17.9	2 . 2, 3 . 1.	21.1		24.7	24.2 25.1	24.5	74,4 25,3	27.3	72.2	20.1
≥ 4500 ≥ 4000		17.3	17.7	20.2	21.7	21.7	2 . L	27.1 .4.0	25.6	2~.7	75.4 27.1	27.2	73.4 27.5	27.9	26.5 20.4	± 5 • · · · · · · · · · · · · · · · · · ·
≥ 3500 ≥ 3500		21.1:		21.2	22.7	22.7, 25.9	2 . 4	5.01 <u>3.3</u>	29.9	27.7 31.0	28.1 31.4	23.7		32.2		
≥ 2500 ≥ 2000	•		24.7	29.5	29.4 31.0	20.2; 31.8	3 . 3 3 . 3	34.3		34.3	34.0	34.7	37.0	32.4	33.3	37.4
≥ 1800 ≥ 1500	•——	Z°.3	27.9 30.9			33.3	34	42.3	37.0 42.1	32.8	79.4	39.3 43.	43.3	44.6	44.7	47.4
≥ 1200 ≥ 1000	1			38.1	41.5	46.6	4 .1		47.5 52.1	52.6	49.4	54.1		57.2 25.2	50.2	عادر <u>201</u>
≥ 900 ≥ 800		35,5	38.6 40.4	42.9	50.9		5 . 0	55.8	53.9	55.4 59.4	55.5 59.8	56.0	35.2 <u>50.2</u>		57.4	7,7ر د غد
≥ 700 ≥ 500		41.02	42.4	48.4	54.2	52.4	5:.9 5:.8	58.0 ^1.0	60.2 63.2	65.0	52.3	62.4	42.0	64.5	66.5	7.7
≥ 500 ≥ 400	<u> </u>	41.7	44.0	50.4	56.3		54.5	c7.6	70.4		70.3	70.5	76.7		76.	76.9
≥ 300 ≥ 200		41.7	45.0 45.0	50.7	59.0	59.4				77.3		78.9		54.1	85.3	35.4
≥ 100 ≥ 0		41.7	45.0	50.7	59.0	,	50.8	71.0 71.0		60.5 8↑.5		63.1	93.0	87.성 87.억	- ,	

TOTAL NUMBER OF OBSERVATIONS.....

92

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA FRICESTAGE ORA CHIOSH ETT. C CIR EATHER SERVICES AC

CEILING VERSUS VISIBILITY

34005 44" 4"/-0 2506K 6tr" -Y

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CELING							+,\$	B,, "	*U*E WILS							
FEET T	≥10	. ≥6	≥ 5	≥ 4	≥3	≥?	≥ 2	≥ -	≥ .	≥	≥ .	≥ ,	2	≥5 '5	≥ .	≥∪
NO CEIUNG ≥ 20000		17.5	13.1	11.5	12.	12.7	1 2	,3.1 ;3.3			20.4		75.7 75.1		10.X	17.4
≥ 18000 ≥ 6000		13.7	13.4	14.5	15.	14.2	1 .4	13.5	15.5	2 · . 2 2 · . 2;	اد و 25 اد و 20	20.3	3 . 4: 		20. d	21.1
≥ 14000 ≥ 12000		17.5	:3.3 13.7	14.4	10. i	16.3) .o	13.9	19.8 20.1	21.5 21.9	23.G 21.j	21.1	21.4	21.3	21.3	.i.d
≥ 1000° ≥ 9000		14.7	14.2	15.2	17.4	17.5 16.1	1.7	20.3	21.7	21.9 22.9	22.j	22.	2.4	3	22.4 22.4	
≥ 8000 ≥ 7000		15.7	15.0	16.4 16.8	13.4	12.1	2.2 2.4	71.8 72.0	22.9	23.9 24.1	24.0	24.	24.1 24.3	24.3		24.1
≥ 5000 ≥ 5000		15.9	15.4	17.1	19.4	27.5	?[•∐ 2.9	2.7 .3.7	23•5 2••5		24.d 25.3	24.9 25.3	۱۹۰۶ ۱۹۰۶	25.2	í	- 1
≥ 4500 ≥ 4000		17.7	17.4	18.5	21.0	21.2	25	24.3 25.9	20.2 20.5	25.3 25.0	20.1	27.5	70.6 70.2	24.4		4.00
≥ 3500 ≥ 3000		27.1	20.2	21.5	20-4	24.a 25.5	2 . h	29.d		31.8		3^• ኝ 3ረ• ጋ	4.ر. ² اع.ب	3 .4		37.1
≥ 2500 ≥ 2000		23.7	24.1	28.9	27.2 32.4		33	2•8ر <u>35•1</u>	33.7 37.0			35.1 35.4	۱۶.۵ ۲۰۵۲	3º.7	30.1	35.7
≥ 1800 ≥ 1500		30.4	27.4 31.4		33.4 33.4	33.2	3:.1	37.q 41.9		44.1		30.7	359.4 -4.4	39.6 44.0	44.0	45.4
≥ 1200		34.7	35.4 38.4	38.4 42.0	46.0	47.1	4.01	47.5 51.8	40.5 52.2	40.7 53.5	49.9 53.0	49.9 53.1	50.J	50.2 54 i	54.1	ر * در د ه به ر
≥ 900 ≥ 800		32.9	39.d 41.2	43.1	50.5	42.4 51.2	5 .8 50	52.9 56.2	53.9 57.5		55.0	59.3	5.7	55.9 57.6	59.	3/ • 7 3 ⁷ • 4
≥ 700 ≥ 600		41.5	42.8	47.7	53.5	53.8 56.2	59.8 59.7	57.0 62.0	63.4	64,9	52.2 55.3	62.7	72.3	02.6	65.	56.3
≥ 500 ≥ 400		43.1	44.5	49.9 50.1	58.4 59.0	59.5	5,.4		57.2 75.5		73.4	69.7	19.4 73.4	77.1 73.8	70.1	70.5
≥ 300 ≥ 200		43.1 43.1	44.5	50.2	59.2	60.1	66.2		72.9 75.2			76.7 80.4	75.3	76.8 83.0	76.9	
≥ 100 ≥ 0		43.7	44.8	50.4	60.4	51.4	57.7 57.8	72.4 72.5	76.6 75.7		83.3 83.4	84.7	85.4 K.c ⁵	88.2 08.5	90.7	96.8 136.7

TOTAL NUMBER OF OBSERVATIONS ______

USAF ETAC 101 44 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLE

UATA FROCESSION TRAINM USAF ETAC A(A ETTHER SERVICE/INC

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS.

£ N5			-				√ S(E	311 ** 2.7	TUTE MILE	\$						
-ĒĒ	≩ ^	26	≥ 5	≥ 4	<u></u> ≥3	≥.	2:	≥	٤.	≥	2.4	≥ ,	ž ·	≥5 16	2.	≥5
NO CE L NO 2 70040						14.7						17.7		15.4 1°.1.		16.3
≥ 8000 ≥ 500%		. ? . 3		13.3		1 5 T	: .4	5.9	17.5	17.2	17	i7.		17.2	13.4	
≥ 400 ≥ 10%		12.3 13.4	12.3	13.4	13.3	1-1	: .7	7.1 .7.3	16.2	1 . 3	15.2	12.2		1 1 - 41	10.3	-
> 5000 \$ 3000		,3,1	13.2	14.1	10.3		•	.9.5 .8.5	11.2	15.6	19.	17.	1 ? <u>1 </u>	1.7	ء <u>ئامىيا</u>	
≥ 5:00 2 1000		13.3	14.1,	15.1	17.3		2	-)•(4 -,•q	20.6	21.0	21.0	<u> </u>	اء و د و و و و	21.3		۱۹۶۰ پنت
2 500C 2 500F		14.9	15.3	15.4	17.1	10.1	7:04	.1.7	22.4	22.7	220:	22.	7		23.5	
≥ 450° ≥ 4000 ≥ 3500		16.11	10.3	16.3	20 • 4	17.5 2.5	27.5	13.7	24.4	24.3	24.3		72.1		23.5	
≥ 3000 ≥ 3000 > 2500		15.7	19.4	21.1	23. 1	21.8 23.9 27.4	٧. د	7.3	28.2	20,9	. 6 . 4	2 3	<u> </u>		29. H	-4-4 -4-4
≥ 2000			25.3	27.4	30.∻₁			:4.2	33.2	39	25.9	35.3	34.2	34.7	37.	37.3
2 50			29.4	32.4	35 · 🚽	35.9	3 . 5	43.d	41.0	41.8	41.3	41.1	-6.2	42.6	43.3	43.3
≥ 900 ≥ 900			30.7	40.0	44.0	44.9	4_,2	49.7	50.0	51.7	51.7	<u>51.7</u>	<u> </u>	52.5	52.y	3.9
≥ 80C ≥ 70C		30.5		43.0		4°.7	<u>5.3</u>	33.9	54.9	55.9	\$5.7	55.0	55.2 56.7	56.7	59.0	
≥ 600		40.3				53.2 55.6	5 · . 7	3).2	61.5	62.7	42.5	62.ª	43.1 40.7		64.3	J
≥ 500 ≥ 400 ≥ 300		41.6	42.7	48.1	57.1	58.3	6. 0	55.8	67.4	62.7	63.5	ტწ ა ≟	74.2	74.6	75.1	75.0
≥ 200 ≥ 100		41.5	43.0	48.5	59.2	59.4	68	70,3	73.6	77.6	7ē.4	78.7	ا ا		2 i . 7	
≥ 0		41.8				50.4										

TOTAL NUMBER OF OBSERVATIONS ...

USAF ETAC 50.04 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE DISOLITE

DATA PROCESSING THE COUSAF ETHO AIR REATHER SERVICEN IC

CEILING VERSUS VISIBILITY

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HAPA AS /- J STUCK SAME

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

CENNG							• \$ 8	3. °• 5°∆	"U"E M LE	\$						
FEET	≥10	26	≥5	≥ 4	≥ 3	≥:	2.	≥	٤.	2	≥ .	۷,	2	≥5 s	≥.	2.
NO CEILING ≥ 20000		7.4	7. j 9. 7	3.4			i š	11.4		_	12,1	12.7		17.7.	15.4	
≥ 18000 ≥ 16000		7.4	9.4 9.4	11.4 11.3	12.4	12.7	: ,9 d	14.6	13.2	15.7	15.7	16.1	10.4		:o./	7.
≥ 14000 ≥ 12000		3.9 10.0	luel kesi	11.4	13.1	17.1	1 .2		15.7 10.0	1~.2	10.7	17.	٠٥.٤ ١٥.٦	17.2	17.2	7.
≥ 10000 ≥ 9000		10.4	10.7	12.4	13.1	13.9	1 .1	5.9	10.7	17.2	17.5		7.6	1 . 4	10.2	
≥ 8000 ≥ 7000		11.3	11.7	13.1	15.4	15.2	1.9	7.4	10.4		19.1	17.1	11.3	2 .1	20.1	2 . 4
≥ 6000 ≥ 5000		11.9	12.1	13.4	15.4	P. 71	1 . 2	:3. L :3. L	13.9 2:.d	17.6	19.3	10.7 20.4	2,.1	21.9 21.9	2. 4	21.1
≥ 4500 ≥ 4000		12.7	13.4	14.4	17.1	17.2	1 .0	.2.0	22.4	21.1	21.3	23.4	73.4	22.3	22.+	27.4
≥ 3500 ≥ 3000		16.4	15.4	17.2	19.1	17.9	2.4	4.3	23.6	24.5	24.7 20.4	24.9	77.1	25.5	25.3 25.1	25.3
≥ 2500 ≥ 2000		15.5 21.7	19.E	21.2	24.1	24.2	2: • 1; 2 • 2	27.5	25.4	2°.4	~ ~	29.7	ن. رد اي رود		30.3	۴۰ <u>۰</u> ۱ ، ۹
≥ 1900 ≥ 1500		22.0 25.6	22.5	25.4	20.3	25.4	33	32.U	32.9	33.9 39.8	39.1	34.7	74.0	35.1	35.4	27.1
≥ 1200 ≥ 1000		29.3	30.5 33.4	33.7	37.7	37.9 41.3	4 4	*2.0 *5.7	40.7	44.1 4°.0	44,4 48.2	44.5	44.4	45.3 42.2	45.5 49.7	400.5
≥ ÷00 ≥ 800		32.9	34.Z 25.d	37.5	42.5	42.7	4 .5	47.3	45.4	49.7 52.7	50.4	50 • 1 53 • 1	KJ.4		51.4	21.4
≥ 700 ≥ 600		35.7 36.3	37.J	41.1	49.4	47.0 49.5	5,.5	>2.5 >5.8	53.7	55.2 5°.7	55.4 53.4	55.4	53.5	56.6 51.1	57.J	57.7x
≥ 500 ≥ 400		37.1 37.5	39.4 39.4	44.2	51.7	52.2	57.0 54	59.5	61.1 94.1	62.1	53	63.4	64.	64.6 5°.3	55. i	67.4
≥ 300 ≥ 200		37.9 37.9	40.3	45.4	55.7	55.4 56.1	5:.9	J5.9	57.7 7c.5	71.0	71.5	72.4	72.7	73.4	74.J	74.3
≥ ¹00 ≥ 0		37.9 37.9	40•Z	45.7	55.a 55.a	55.3 56.3	5:04	37.9	73.9	76.2 74.3		79.3	٠٥٠٥ ٢٠٠٤	84.4	₹.7s	- 1

TOTAL NUMBER OF OBSERVATIONS ____ 7435

USAF ETAC ALL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE DESOLETE

DATA PROCESSING TRANSPORTED AT A PARTIE OF AT A REATHER SERVICE/FULL

CEILING VERSUS VISIBILITY

34055

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HARRE AT / HUTSFUCK OFF

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS;

CEILING							/ S+	54°C 7'A	L'E WILE	s						
FEET	≥10	≥0	≥5	≥ 4	≥3	≩2	≥?	≥	≥ .	2	≥ .	≥ .	≥	≥5 '8	2.	≥;
NO CEILING ≥ 20000		15.4	17.1		21.4		•	ره. و د د د د			'5. * 7	2" • 4	-	27.5	76.4	2 h .
≥ 18000 ≥ 16000		17.4	18.4	19.3	23. 1	63.4	7¥	೦.ಕ	23.3 27.3		7.4		27.3			
≥ 14600 ≥ 12000		17.2	19.4	20.1 20.5	24.	24.9	· .7	7.5	27.5	27.8	25.1	29.4	?	2.8	22.1	27.4
≥ 10000 ≥ 9000				22.3	25.4	21	7 .9	7.9	29.9 30.0	3.1° 3.3°	30.4	3 1	33.4	31.1	31.1	- ; • ;
≥ 8000 ≥ 7000		20.4 20.8	22.5		27.4	27.9 27.4	, .3 , .a	1.7	31.3	31.0	12.0	32.7	² < · -	3/.4	32.3	الا مة ال الامتارا
≥ 6000 ≥ 5000		21.3 22.2	22.9	23.5	28.2	27.4	* .4 * .0	·2.7	32.7	33.C	33.2	33.7	ر . و [.] اد . ه '	33.9 36.2	34.1	3/4 ¢
≥ 4500 ≥ 4000		27.5	24.1	24.9	29.7	37.6	3.0	7.5	34.5	34.8	20.1	35.1	73.4	34.5 0.0	15. 1	36.
≥ 3500 ≥ 3000		26.4 28.3	28.1 36.1	29.2 31.3	34.J 	34.5	3 .5	-9.4 -2.0	37.5	30.8	46.3	46.7	4 . 1	41.7	41.2	42.
≥ 2500 ≥ 2000		39.4 34.4	32.3	33.5	39.1	30.7	4,.5	.4.7	43.9	45.3 5°.1	45.7	45.7	42.7	44.7 51.5	47.c	2.4
≥ 1800 ≥ 1500		34.9 36.4	36.5	36.4 40.2	44.2	44.9	4 .3	50.1 53.0	56 53.4	50.8 53.8	54.3	51.7 24	54.3	52.2 55.3	52.1 55.1	2.6
≥ 1200 ≥ 1000		39.2 40.1	41.5	43.9	51.7 54.5	52.7	55.0 5 .1	59.0 02.6	59.8	5°.2	50.0	00.9 34.4	3.9	61.7 5°.7	52.2 60.	52·
≥ 900 ≥ 800		47.9 41.8	43.1	40.5	55.7 57.;	54.9 58.3	6.0	04.2 05.8	65.1 65.8	67.6	16.4 18.4	50.7 09.3	70.4 50.4	67.3	67.	7.00
≥ 700 ≥ 600		42.1	44.5	45.1 45.6	57.0 52.4	5°.7	6: 4	67.1 59.0	66.4 70.4	69.4	70.7	70.1	7,.4	71.5 73.2	71.2	77.
≥ 500 ≥ 400		42.8 42.9	45.6	49.5 50.1	60.C	61.0	51.5	71.6 73.5	73.3 75.4	74.8 77.1	75.5 77.0	75.7	75.9	75.7	77.2	77.9
≥ 300 ≥ 200		43.0	46.5	51.5 51.4	62.1	62.9	7 .8	75.4 75.6	77.5 83.6	70.8 32.9	20.0	80.7 54.4	21.4 53.6	57.3 37.3	35.1	ر مَدِّ نِي آ
≥ 10C ≥ 0		43.0 43.0		51.5	62.3 52.3		7 _c · 1 7 _c · 1		-	8.23		85.7 84.2	39.1	91.0 21.3	94.1	1. · · · · · · · · · · · · · · · · · · ·

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC 500 0-14-5 (OL A) MENOUS EDITIONS OF THIS FORM ARE DISOLETE

DATA PRUCESSING RRANCH USAF ETAC AIR HEATHER SERVICE/FAC

CEILING VERSUS VISIBILITY

HAHN AP / HUMSRUCK GERMANY

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

CEILING					viSi	81. " 5"4	"."E v .E	5						
:FEET	≥10	≥6 ≥5	≥4 ≥	3 , ≥2 =	≥ 2	≥ :	≥, •	2	≥ .	≥ ,	2	≥5 5	≥.	<u> </u>
NO CEILING ≥ 20000		12.9 14.7 13.2 15.0	1	3.0 1°.1 0.4 13.6		1.3	21.7	22.6 23.9	12.7	23.5		23.2	2.4° يت.ذ	
≥ 18000 ≥ 16000		13.2 15.1 12.4 15.2	1 - 1 -	8.7 13.8 6.6 1P.9		_1.5 '1.5	22.5 22.a		₹3,44° 	23.7	3.3	43	23. A	. 3.4
≥ 14000 ≥ 12000		13.5 15.4		9. j 19. l 9. j 19. 4	1!	1•9ء <u>ق</u> یمی	23.3	20	, 4 . 4	24.7	4.1	24.2	24.2 24.3	.ووي ۳وسع
≥ 10000 ≥ 900)		13.9 16.0	1 7-1 1 -	9.6 19.7 0.3 29.4	1	2.7 2.4	23.6	24.7 25.4	۱۶۰۱ نوت	23.3 23.3	۵۰۲ <u>۲</u> ۲	۶۰۰۶ <u>د د</u>	35.≯ 35.≯	F • F
≥ 800¢ ≥ 7000		15.7 17.5 15.5 18.0	1	1.7 22.0	25.4	.4.7. .5.4	2>.7	25.7. 27.4	27.; 27.;	ζ7.°	77.	27.3	27.3 25.3	۽ . ج <u>بوتي</u>
≥ 6000 ≥ 5000		15.5 18.0 15.8 18.3	1 -	1.7 22.0 2.3 22.6	1 - 1	5•3 <u>.</u>	i	27.5 21.3	27.1 25.4	27.0° <u>د د ک</u>	2 . 7	2°•1	73.1 <u>-76.5</u>	ر = • و ح • ≡
≥ 4500 ≥ 4000		15.1 18.6 19.3 20.8	1	2.6 27.6 5.7 25.4	27.0	20.5	27.4		?ê.≰ °2.J	32.	ر ، ر 2 ، . <u>د</u>		29.1 32.1	اءون <u>تعرو</u>
≥ 3500 ≥ 3000		21.7 24.2	, -	7.1 27.2 8.8 29.1	3.9	31.5 33.8	32.7		34.2 30.4	3000	24.5 27.5		34.≠ 37.4	**•مر **•* <u>*</u>
≥ 2500 ≥ 2000		27.9 25.5 25.7 27.0	30.4 3.	0.4 36.6 3.4 34.6	3:4	55.6 39.5	30.0 4.5	41.7		42.7	ل.ه٠ <u>/ د ۲</u>	42.9	29.1 43.1	ا • ≏ر ل <u>ز• ≘ •</u>
≥ 1800 ≥ 1500		26.4 29.0 29.1 31.9	35.3 3		4 .4	41.4	42.0	45.d	44.1	44.7	47.4	44.9 4°.3	44.4	950d 3-0∓
≥ 1200 ≥ 1000		31.1 34.3 31.9 35.2	38.8 4	3.1 43.5 5.6 45.0	1 1	50.0 53.0	51.3 53	52.6 55.8	53.u	53.3 56.5	د . ز ^۹	54 • Q 57 • ⊇	54.1 57.2	كانى <u>2.5</u> ر
≥ 900 ≥ 800		32.6 35.3 33.6 37.2	41.1 4	6.9 47.4 8.9 49.4	5 3	54.5 26.5	55.5 57.5	57.3 59.3		58. T	د.ه د. ــــــــــــــــــــــــــــــــــــ	54.7 51.3	50.5 51.1	5:• A
≥ 700 ≥ 600		33.9 37.7 35.0 39.0	43.7 5	0.7 51.2 3.1 53.5	<u> 5- 3</u>	- 3	54.1	65.8	56.4	03.4	ઇ કે. ધ <u>* 7.</u> ±	54.2 37.0	57.1	7.7
≥ 500 ≥ 400		36.6 41.0	46.2 5	4.6 55.7 6.4 57.2		63.1				76.4	71.4 73.7	7:•6 7-•1	71.7 70.2	71.7 74
≥ 300 ≥ 200		36.8 41.0 36.9 41.1	46.3 5		63		72.7 75.1			73.5 62.4	'9,4 °3.¢	őF.]	90.11 F5.7	با • ⊖ه ۲•۰۲
≥ 100 ≥ 0		36.9 41.1 34.9 41.1		7.d 59.7	67.q					55.1 55.7	°7.4	89.2 09.7	93.3 94. <u>3</u> 1	الاميارة المعيا

USAF ETAC RE 04 9-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

LATH PRIOLS, 1.3 14441 What athe AIR PATHLE SERVICEVENT

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CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

IE , No							v 54	34. "F 5"A	". "ē ∨ .ē	Š						
*66. 1	≥ :	و ۶	2.5	2:	2 -	2:	≥ ;	2	2	3	2.	3.		25 5	٤.	2 -
NO CE4 NG ≥ 20000				12.5			: .>		15.2	17.7	19.2	1	1 7		15. 2.44	
5 ,9000 5 ,8000			12.5		10.7	12	7	. ≥ . 2 : ≥ . Z:	14	1 .3	19.0	17.	· 7	2 • ? 2^ • ?	; ;	
≥ :4600 ≥ 12000			12.5 13.1		12.4	17.7			10.7 21.5	21.5	19.7 11.	; 2. ° 2: • °	ان و ر ` ا ند و ر `	مار تا ہے۔ ایک مارک	72.0	.:•
≥ 10000 ≥ 9000		13.1 13.5		14.2		17.4	۱ . ۱ . <u>۲</u>		2 . 4	2:.3 2:.2	21.2 <u>22.2</u>	23.04	2. T	۲۰۰۶ ۲۰۰ <u>۶</u>	22.5 22.5	•
≥ 8000 ≥ 7000		15.4	13.d	10.3	2004	<u>۲.۰3</u>	ح. ح		24.>	24.3		25. 25.	74. ; 75. 3	نه د انج مقامه انج		7.1
≥ 6000 ≥ 5000		15.4		17.5	21.3	21.5	<u>`l</u>		25.4	2: .4		2=. 2=.	- 20 4 44	27.4 27.+	77.7	~ • ·
≥ 4500 ≥ 4000		14.5		15.4	22		^ .7	-5.7	27.1	25	78.2		" <u>, , </u>		21.1	•*
≥ 3500 ≥ 3600		13.3	20.1		20.3	27. Y	7 .7	قعلا	3i.š	37.6. 33.5		34 · ×	<u>-4.4.</u>	31.4 <u>₹.26</u>		۱ و ژر <u>د و دو</u>
≥ 2500 ≥ 2000		1 22.0	22.7	22.5	29.1	3. 44		15.3	35.8	37,9		33.7	<u>مَّةً مِثْم</u> َ		39.7	نیتر س
≥ 1800 ≥ 1500		25.2		28.8	35.1		3 . 4	41.3	41.7	3°.6. 43.9	44,3	44.4	-4.7	45.3	45.5	42.2 45.6
≥ 1200 ≥ 1000		29.7 31.1	32.5		41.1	41.5	ا <u>خ</u> ن	49.2	49.6	43 22.2	52. ×	<u>53. 🗟</u>	= <u>, i . i,</u>	49.8 53.7	4.1	~!•=:
≥ 900 ≥ 800		31.4		35.3	43.0	44.4		52.7	4.65	53.4	56.7	27.7	ۆ. پە تىرى		55.4	۲۰۰۱ تائت
≥ 700 ≥ 600		32.4		38.5	47.0	43.6	F., a	<u> 38.5</u>	59.6	59.1	54. L	64.7	* 4 , 4	0^.6	<u>61.3</u>	62 • 4
≥ 500 ≥ 400		34.8			51.1	37.4	5 y . 3	54.7	55.9	67.4 71.5	72.5	72.7	<u>لا.ر7</u>	74.1	74.7	15 . 8
≥ 300 ≥ 200		34.9 25.1		40.9	51.6		6 .1	7.3	7,,2	74.3	70.4	75.3		02.1	ع, ق	77.4
≥ 100 ≥ 0										72.Q 72.Q						

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC ALL SA 0-14-5 (OL A) MEVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

£ ... -

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

÷ , •,							• 5 5	** 5 [*] A	TUTE MILE	=						
e e é	≥ `	28	25	24	27	≥:	ż*	2	2 -	2	<i>:</i> •	<i>z</i> •	ź	2	٠.	:
2 2000s						1.,7		-	13	1	25.			1 .7		
2 3000 ≥ 5000						14	_			23			-	27.2		
2 4000 2 2000				10.7 17.1	-	1 .4				27.8		27.		27.3		
≥ 7000 ≥ 9000			17.4	17.5	20.1	- • •		43.7	23.a	24.0	**	,4. °	14.6	21.5	`>. s	•
≥ 5000 ≥ 1000		_	_		-	2:.9		-		20.5				27.5	29.	- · ·
≥ 5000 ≥ 5000		-	-			23		_		2.7	-	29.1		23.7		2.0
≥ 4500 ≥ 4000										27.7 3;.3			-	37.3		
≥ 350c ≥ 3000			-				2 .1		-	37.0 34.9			₩ -	37.7	-	-
≥ 2500 ≥ 2000					-	20.9 34.2				37.1 41.0		57.4 ~2.1	7.5 4.d	37.1 42.5		ე≎.ა ლ.ა
2 800 ≥ 500		_	29.d			_	E			47.5		46.04	-s <u>. ų</u>	7	-2-4	3 - 1
≥ 200 ≥ 000		37.7 35.5	30.1 38.1	36.3 40.4	43. j	43.5 46.€	→ .å	>1.2 >5.0	54.7 56.5	53.3 57.4	57.3	52.7 27.4		54.7 21.2		د وکر ۲۰۶۰
⊇ 900 ⊇ 900				40.7		46.8 42.8			-	57.a		-		21.5 22.7	59.4 52.6	, · . 1
≥ 700 ≥ 800		37.6 30.3	1	43.3 44.8						04.E		ر.7.a		58.6	77.1	
≥ 500 ≥ 400			:		50.1	25.7	60.2	59.I	72.1	72.1	75.3	75.4	75.8		77.3	7007
≥ 300 ≥ 200			42.0	47.4	55. y	57.4	<u>4:.d</u>	_72• <u>1</u>	75.9	7°.Z 6!.a	92,2	53.7	5 d		88.	7 • 3
≥ 100 ≥ 6										82,3 62,3				89.4		

TOTAL NUMBER OF OBSERVATIONS ...

243

USAF ETAC SM 0-14-5 (OL A) MEYOUS EDITIONS OF THIS FORM ARE DISCU

ATA PRINCES.INC THA C USAP PILC AIR LAIMP DEPARTER LO

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

,							• 2 5	• •	· · · · ·	•						
•	<u>.</u>	2:		24	ž .	· ·		2	<u>.</u>	2	÷ -	2 -	:	2. 5	<i>z</i> .	2
				2 . 7	_,			7		2		2 .		4	• • •	•
2 53°		3	19.7	21.3	? - • -	23.5		2.5	25.3	4	°6•.				10.4	
\$ 134 \$ 436		-	-	21.7	_	-	· · · · · · · · · · · · · · · · · · ·			24.0	2.	•				• •
2 200 2 200		, 's	-2.2	23.3	20.00	. · . 7		ذ و د ر	23.>		3	_	- 3	_ '• [#]	14.1	
2 800. 2 100			24.5	24.4	27	27.3	1	.1	3 3).زر ۵۰۰د	*	3 * • *	2	3 ° . °	73. 15	
- 54 2 5%		4	15.3	20.1	31.2	3: • 4	7	23.7	34.2	۹.3ز ۲.5	74.0	34.	7.5.4	33.3	٠>,১	,
2 45% 2 43%		7.3	20.4	٤. د	31.7	۶.۰۹	- , , 3	_4.3	34.6	3°.0	13.	۶٠.۶	35.0	31.2		30.00
3 00% 2 00%		4.5	27.3	Z°.1	32. :	37.7	33	غ.وَڍ	35.7	34.5	`a.:	35.5	30,4			
≥ 15% 2 24¥		23.4	31.9	34.7	37. *	3:.2	7 .0	~?.5	4:-1.	42.0	42	42.	5	47.3	42, -	
≥ \$< ≥ 5<		35.7	50.7	40.5	44. =	45.3	4 .7	,7,A	40.5	40.4 55.9	19.4	- <u> </u>	. 1 . 7	Š^• " •		
2 7% 2 3%		43.5	+6.¥	49.52	54.4	34.7	> .ŭ	. 8 · Q	59.5	59	41.2	61.I	· į . į			
≥ 900 ≥ 800										5°.0					50.9 7∪.4	
≥ *30 ≥ 500		47.7	50.7	54,4	61.2	51.6	Ć.,	55.3	35.5		71.3	71.4	76.4	77.7	72.4	73.3
2 500 2 400										77.7; 81.9						
2 300 2 200		→ 0 . 7	52.7	57.2	65.3	56.4	7. d	78.7	82.G	54.2 56.9	€8.4	a8 •4	95.3	92.1	32.5	र दें व
≥ 000		42.7 42.3	52.7	57.2 57.2	65.4 55.4	55.4 55.4	7	78.7 73.7	82.0	87.4 87.4	38.9 ∂€.∀	59.4 59.4	5	94 4	95.7	99.3 20.1

COTAL NUMBER OF CASERVATIONS

U . STAC MESS G-14-5 (OL A) NEVOUS EDITION OF THIS FORM ARE DISCRET

- MAIL BRICESSING ORANGA - USAF FIAC - MARINER SERVICEMAN

HIM A./HU SP. CR U RE- Y

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

VISIBILITY STATUTE MILES FEET ≥:. : ≥: NG CEILING 1' .1 lo.d [A. 4 19.7 17.9] ≥ 20000 ≥ 18000 27.2 27.3 27.6 27.3 27. 37.7 2: .0 28. 1 25. 19.4 21.6 23.4 25.8 25.9 2 .8 ≥ 16000 20.4 ≥ 14000 21.3 23.3 25.4 28.4 2-.4 2-.3 27.9 25.4 27.4 29.4 37.7 3... 29.7 29.4 30.4 36.4 37.3 ≥ 12000 11.4 31.6 32.6 12.4 37. * 32.4 24.7 27.4 49.7 32.4 37.3 ≥ 10000 33.7 33.6 34.4 24.4 34.5 34.1 34.4 34. ≥ 9000 18.4 30.4 34.4 .6.9 36.0 37.2 27.4 37.4 .7.9 36.1 38.9 36.9 39.7 ≥ 8000 ≥ 7000 47.4 29.4 32.5 35.4 35.4 ≥ 5000 ≥ 5000 31.4 34.4 37.4 31.4 34.4 37.4 3.7 38.8 30.6 39.9 30.7 37.7 3.7 40.0 41.0 41.3 41.1 41.1 ≥ 4500 ≥ 4060 37.4 47.11 41.11 41.1 41.7 41.3 31.9 33.3 3t.4 39. 42.1 42.2 43.2 43.3 43.4 ≥ 3500 ≥ 3000 21.4 34.0 37.4 41.1 41.7 4 43.5 43.7 44.8 44.3 37.4 40.4 44.1 44.4 46.3 ≥ 2500 21.2 51.5 22.9 52.9 22. 25.6 55.9 57.0 57.0 27. JF. !! 41. # 44. # 45. # 5 .1 53.0 53.4 23. 44.4 40.2 52.2 ≥ 1800 ≥ 1500 42.1 45.4 49.4 53.5 53.7 5 .9 57. d 57. 3 50.4 58.4 53. 56.9 45.4 48.1 53.5 55.2 63.9 64.1 04.5 52.3 61.7 62.3 63.4 53.4 63. 62.2 66.5 71.2 71. ≥ 1200 ≥ 1000 59.4 69. 50.4 56.4 62.1 6 . . 5 68.6 72.3 47.9 21.9 57.d 63.3 71.5 63.8 39. 40.7 51.7 58.2 77. 73.4 72.2 72.2 72.d 64.1 64.4 50.8 72.9 73. 48.9 52.7 59.1 74. 67.4 7, .3 75.7 50.1 54.2 60.8 86.9 50.5 54.9 61.2 67.7 ≥ 700 ≥ 600 77.4 78.4 <u>65.3</u> 9 77.7 77.6 79.5 77. 79,9 51.1 55.2 61.9 51.1 55.3 62.4 ,: L • 50.5 76.0 79.3 80.6 62.5 52.5 77.2 70.3 54.3 62.4 69.7 50.6 82.0 51.1 55.3 62.0 70.2 70.9 73. 75.9 75. 02.0 83.8 87.5 37.0 88.7 300 98.1 82.4 73.Q 83.7 84.4 76.3 51.1 55.3 51.1 55.3 100 70.9 92.9 70.2 89.5 62.5 82.4 84.6 89.1 90. 71.4 77.9 62.4 84.5 89.1 90.

TOTAL NUMBER OF OBSERVATIONS

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USAF ETAC 10164 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE DISOLETE

3

OATA PRECESSING TRAVOLE USAF FILE AIR EATHER SEPVICE/ 440

CEILING VERSUS VISIBILITY

34025

HAMIN AS / METSPOCK OF RANKY

G-- 7

**RCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

16. 5 · 5 · 5

CEILING							VIS	BILITY STA	ATUTE MIL	5]
FEE1	≥10	≥6	≥ 5	≥ 4	≥3	≥2:	≥ 2	≥1	≥1.	≥1	≥ .	≥ '*	2 ፣	≥5 16	≥.	≥0
NO CEILING ≥ 20000		18.7		41.7 25.1	23.3	27.5	^ • 9	,5.7 4).1	25.5 36.5	1	'0.4 '1.4	20.4 11.	`6.4 `1.\	۵(.4 ۱۰۶	75.4	2.01
≥ 1800G ≥ 1600G		22.0	1	25.4	1	25.7	2.07	.1.1	3.7	2، (دُ ع: د	31.2	/ 10 ات ۱۰ ات	71.2	31.2 31.9	31.4 31.)	: :
≥ 14000 ≥ 12000		24.7	23.4 24.1	25.4 27.2	:	33.9	11 + 1 2, 4	11.9	32.3 33.0		32.7	32.7 34.1	74.7	37.7	_	7 . 7 در . 4 د د
≥ 10000 ≥ 9000		24.0	25.1	28.1 28.7			1,.3	34.2	34.5 32.1	6. اذ	35.	35. x	35.0 35.0	35.3 35.6	35.5 35.5	
≥ 8000 ≥ 7000	! 	20.3	27.7 28.1	30.1 30.5	,	۶.۵ر ۱۹.۶		.6.6	37.3 37.9	38.5		37.4 35.4	77.5		د.37 د.ه	
≥ 6000 ≥ 5000°	; } •	27.5	1 , 0	31.0	35+1 32+≠	35.3	3 . 4	3.8c 9.0	30.5 39.4		39.1 46.1	39.1	، ۹۶۰ د رو۱	35.1 40.3	39.1 40.3	J9
≥ 4500 ≥ 4000	: 	20.4	3).0	34.4		35.8	3 . 6 4 3	,9.6 42.5	40.0 40.1	44.0	40.5 44.1	40.4	40.7	44.4	40.9 44.4	1401
≥ 3500 ≥ 3000	!	11.9	35.1	36.2 38.9	44.6	44.8	4 2	45.6 48.5	40.0 48.8	44.8 49.6		40.0	47.6	47.3 27.1	47,3	-7.1
≥ 2500 ≥ 2000		35.0	40.9	45.2	51.7	47.4 51.9	5: .2	26.7 26.7	52.1 57.1	53.0 57.0	56.2	53.1 54.2	2.ć° ورنا	53.4 5°.5	53.4 ر.نځ	۰°۰ ر ۲۰۰۰ –
≥ 180C ≥ 150G		47.1	41.4	_	53.3 55.3	52.2 25.6		58.0	56.5 62.2		59.7	59.7 63.4	9.0 3.2	6)•9 63•7		υ0•1 υ2•7
≥ 1200 ≥ 1000		43.7	47.3		59.7			70.1	66.5 70.7	71.6	71.9	71.7	47.5 72.6	72.2	56.1 72.4	
≥ 900 ≥ 800		47.2		36.3		53.1	_	79.6	71.2		75.5	72.3	72,5	72.7		7:.7
≥ 700 ≥ 600		49.1	51.1		67.	67.0 67.7		76.5 77.9	77.8	მე.5	3c.7	79.2	79.9 80.0	79.6 81.1	79.0	1.1
≥ 500 ≥ 400		48.5	51.5		60.2	52.6 68.9 69.1	7. 6		83.2	54.9		85.1 87.5	23.1 85.2 57.8	87.6 85.7 88.3	83.3 45.7 80.2	23.5 5.7
≥ 300	ļ Ļ———	48.9	51.0	56.5	68.0	69.3			84.3 85.0	89.1	38.7	89.2	2.رد	91.5		28.3 22.1
≥ 100 ≥ C		48.8			68.6 68.6	69.3 69.3			85•3 85•3		90.0 96.0	90.5 90.5	91.6	94.1	20.0	1 ' 1

TOTAL NUMBER OF OBSERVATIONS

546

USAF ETAC JULIA 0-14-5 (OL A) MEVIOUS "DITIONS OF THIS FORM ARE OBSOLETE

HATA TR CESSING TRAFFE TSAF ETAC ATR CATTER SERVICES IN

CEILING VERSUS VISIBILITY

34335

TAH AT/95 SEUCK SERFA Y

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	181L17 57.A	TUTE MILE	5						
FEET	≥10	_ ≥6	≥5	≥ 1	≥ 3	≥2.	≥2	≥1:	≥	≶, ;	≥ .	≥ ,	≥	≥ 5 16	≥ .	≥0 ,
NO CEILING ≥ 20000		61.4		21.3	24.4	27.1	2 . 5	. 7.7	27.9		11.	2:07	11.4	21.7	31.0	
≥ 18000 ≥ 16000		21.d	22.7	23.4	27.	27.2	7 .7		30.3 30.4	37.9 31.0	31.3	31.2	۱۰4ء لا. يا	31.0	71.2 21.2	ا. • ار ۱ • ۱ و ار
≥ 14000 ≥ 12000		22.1 22.4	23.4	23.4	27.2	27.4	ે •ો ટું•લ	4 رور 1 • 1	30.6 31.3	31.9	31.	، 1 د اد 2 د	1.4		1.7 34.4	.)
≥ 10000 ≥ 9000		3.4		25.1 25.4	29.:	2γ.4 ∠γ.γ	3: • 4 3, • 4	12.7	32.5		33.1 33.1	33.1	13.7	34.	35.1 34.4	
≥ 8000 ≥ 7000		24.7 25.1	25.5 20.4	27.1		31.0 31.8	3, .c		34.4 35.2	34.8 35.8	35.1	35.1	33.2	36.3	35.2 36.5	ن د در د دور
≥ 6000 ≥ 5000		3 . ئى كى ئى	27.5	27.8 28.5	32.j 33.j	33.2	3,.4 1:.1	55.5	35.0	37.5	37.	37.	37.1		37.1	37.∠ 26.1
≥ 4500 ≥ 4000		27.3	21.5 30.5	28.7 31.7	33.± 36.5	33.6	د اد . ر	6.9ر 1.3	37.1 41.0	37.8 47.3	38.2	39.7 42.7	30.3 (2.0	38.3 42.9	30.3 42.1	ا4 و تو ا و جاو
≥ 3500 ≥ 3000		30.9	32.4 34.0		30.5 41.7		4,.0		43.7	44.4	46.4	44.5	44.7	4 . 3	40.3 40.3	,5 . 4
≥ 2500 ≥ 2000		35.5 25.7	37.2 40.1	38.9						50.9		51.7 55.4	۲٦٠۶ ۲۶۰۵	51.7 25.7	51.3 55.	ン】・デ <u>ンラ・ブ</u>
≥ 1800 ≥ 1500		37.1	40.5 41.5	42,2		48.8 50.9	5	56.3		55.8 57.7	56.1 56.1	56.1 59.7	40.4		5 ბ. ბ 9ძ.ა	55.7
≥ 1200 ≥ 1000		42.2	46.5	47.0 50.1	54.1 57.5	59.4	6.9			65.1		63.4	64.1 65.8			07.3
≥ 900 ≥ 800		46.3	47.4 48.8			61.7	6.1	08.3 71.2	71.6	6°.7 72.9				13.9		
≥ 700 ≥ 600		47.4		54.5			7 .9		74.5	75.8	70.4	76.7	70.5 77.2	77.4	76.8	77.7
≥ 590 ≥ 400		45.0	51.2	55.7	65.1	66.2	79	78.7			79.0	79.4		03.6		9•50
≥ 300 ≥ 200		48.2 48.3	51.5	56.0	65.7 65.8		7:,.7	£1.0	83.8	â7.Z	55.7 38.4	85.7 88.9	99.4	91.0	91.3	71.7
≥ 100 ≥ 0		48.5	51.7 51.7				7: .8		84.2		89.7 89.6			93.7 93.9		გ8.9 1√0.9

TOTAL NUMBER OF OBSERVATIONS____

546

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PATA PRICESILE TRACES
USAH ETAC
AIR EATHER SEPVICE/MAC

0

C

CEILING VERSUS VISIBILITY

34025 Hally AT/40 SPUCK O'N'ATY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

VISIBILITY STATUTE MILES ≥6 ≥ 5 ; ≥5 10 ≥¢ 72.7 22.9 10.4 17.4 19.4 NO CEILING 1 - . 1 22.4 47.5 18.7 19.7 22. 22.7 25.0 25.3 25.3 26. 25.4 25.7 2-2 20. 76.4 ≥ 18000 2: . 1 . 4 25.1 10.7 25.7 22. 19.3 20.5 23.3 ,5.9 20.2 2-.7 ≥ 14000 ۷7. 23.5 ≥ 12000 7.0 27.3 27.9 24.4 ≥ 10000 ≥ 9000 21.0 22.3 25.2 23.4 25.0 39. . 1 . 5 . 0 2). 1.3 23. ≥ 8000 ≥ 7000 31. ≥ 6000 ≥ 5000 23.0 25.2 28.0 32.5 33. 22.5 24.1 25.7 29.5 25.7 27.7 24.3 25.7 29.7 27.7 12.9 33.3 > 4500 3.1 73.6 36.3 34. 4.71 34.9 26. d 27. 1 31.7 57. ≥ 3500 25.4 21.4 24.1 33.4 32.5 33.0 37.2 37.3 30.0 30.0 39.6 57.4 36. 31.1 33.5 <u>.9.</u>0 40.4 29.1 ≥ 2500 ≥ 2000 31.4 33.5 38.7 30.5 4.0 44,5 14.0 45.2 43.4 42.8 43.4 44.3 44. 42.7 09. 49. 34.4 37.1 47.7 35.7 38.2 43.4 30.2 41.3 46.9 ≥ 1800 ≥ 1500 43.0 48.4 49.1 51). 51.0 47.3 41.2 44.7 ≥ 1200 ≥ 1000 51.4 58.2 59.3 59.0 59. 50.4 57.4 50.4 £1.1 53.4 42.1 46. 54.0 62.0 900 47.0 54.4 54.8 63.0 년 65·3 ≥ 52.1 30.0 800 67 . C 56.1 56.8 67. 7(0) 57.0 ≥ \$ 58.3 68.1 69.5 600 63.9 59 .: 29.7 40.1 72. 76.7 77.3 5..2 75.7 500 40.7 51.6 70.5 76.4 60.0 61.5 71.7 76. 62.5 70.1 73.0 81.4 61.0 300 81.7 52.5 78.1 34. 73.3 84.1 ≥ 43.9 62-1 63-1 75.0 82. 34.9 Ω). 62.4 76.6 79.6 84.1 85. 52.7 77.q 85.3 36.4 87. 7.64 ≥ 47.4 62.4 52.4 71.9 80.2 71.5 98.4 47.4 77.0 80.2 85.3 86.6 62.4 87.4

TOTAL NUMBER OF OBSERVATIONS

6700

USAF ETAC TOTAL 0-14-5 (OL A) MEVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING THAT USAF ETAC AIR WEATHER SERVICE/ "

CEILING FEET

NO CEILING

≥ 20000

≥ 18000

≥ 16000

≥ 14000

≥ '0000

≥ 8000

≥ 7000

≥ 6000 ≥ 5000

≥ 4500 ≥ 4000

≥ 3500 ≥ 3000

≥ 2500 ≥ 2000

≥ 1800

≥ 1200 ≥ 1000

≥ 700 ≥ 600

≥ 500 ≥ 400

≥ 300 ≥ 200

100

CEILING VERSUS VISIBILITY

39.5 37.

19.7 37.

. 42. 43. 43. 7 43. - - 2. 43.

53.8 54.4 54.8 55.c

HAHN AP/HUTSPUCK CAT

≥o - ≥5

35.4 30.1

35. 2 37. 2 39. 2 55. 2

<u>34.6 37.3 39.4 41.4 41.4 4</u>

37.7 43.1 42.3 44.1 44.1i

37.7 34.4 36.4 30.4 20.7

37.7 34.4 36.0 35.1

57.7 62.3 67.6 73.9 57.6 62.6 68.3 74.7

53.8 69.8

54.d 70.3

64.d 70.3

53.8 70.0 78.0

70.

70.4

37.9 62.4 68.4 03.7 69.7

58.4

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

31.1 40.4 43.1 44.7 44.9 - . 3 45.7 40.9 47.5 46.1 46.1

9 .8 32.0

0.53 K...

41.1 44.0 47.4 47.4 47.4 5.0 51.2 51.4 52.3 43.1 40.7 49.4 51.4 51.4 5 53.8 54.0 54.8

76.1 76.2

77., 77.3

77.8

73.2

79.7

73.8 78.8

77.7

78.9

78.0

78.4

+ 5 8 L TY S"A"U"E M LES

.d 35.9 34.1 30.5

5 .9 39.0 34.2 3c.9

≥5 5 30.3 31.5 34.1 35.4 31.4 3.4 5.2 5.2 30.5 37.6 17. 137.4 7.1 37.1 37. 137. 137. 1 7.0 39.2 37.9 37. 7 37. 7 19.9 47. 7 46. w 32.9 34.7 36.7 30.4 37.4 3 .1 .7.2 34.5 41.1 40.1 40.1 40.1 40.2 . J - 7. 1 46. 3 41. 6 41. J 41. 1 -1. U 41.1 34.4 37.1 39.4 41.1 41.1 4 .2 .7.4 42.0 42.2 43.3 43.4 47.4 43.5 43. - . . . 36.4 39.2 41.7 43.4 43.7 -.. 0 -4.8 45.1 45.8 40. 1 40.1 40.1 40.7 40.2 40.4 4 .5 -5.7 42.8 44.7 45. \$ 47. 1 27. J 47.2 4 . . 1 4- . 7 48 . 2 . . . 4 47.7 +3.1 +5.2 47.2 47.5 4 .1 -7.4 45.6 5.4 50.4 50.4 50.4 51.7 51 ... 57.9 °2./ 37.1 59.1 39.1 02.7 -2.4 77.3 75.4 75.4 75.4 70.5 79.5 79.4

44.2 50.0 53.0 55.0 55.4 57.4 57.6 56.5 58.3 59.7 57.1 48.9 52.4 55.0 58.4 57.4 6.3 60.6 01.9 41.5 67.4 47.1 49.4 53.2 56.9 59.9 57.9 A. a 01.8 02.0 02.9 03.2 03.4 57.4 54.9 50.8 61.0 51.4 - 9 64.2 64.4 65.3 65.0 65.7 51.4 55.7 50.4 62.4 62.8 6..2 65.8 65.7 66.9 56.8 67.1 67.1 67.1 53.5 57.4 61.9 66.1 65.1 5.3 8.9 69.2 7.1 72.4 73.7 73.3 55.9 56.3 64.9 70.0 70.1 7.9 73.3 73.8 74.7 75.6 75.7 75.3 57.4 51.6 66.9 72.4 72.7 75.5 75.9 76.5 77.4 77.7 73.1 74.1 ت.7°2 74.9 75.8 77.3 78.0 78.9 74.8 77.8 79.7 79.4 85.4 79.4 79.5 79.2 ३**८.**थं 51.1 72.4 -0.3 71.4 82.6 *2.7 63.1 53.1 83.2 83.4 33.4 83.3 84.8 J5.6 =5.0 82.4 63.8 85.2 87.0 87.4 67.5 8 Q 25.1 86.7 82.7 39.1 89.4 87.7 87.7 57.7 39<u>.</u>.. 89.6 29.3 39.5 64.1 36.9 88.7 91.0 91.4 91.4 94.4 57.3 89.4 91.9 92.0 92.1 91.4 91.8 91.3 91.5 93.2 96.1 97.31 88.0 90.3 93.7 94.0 95.1 88.0 90.3 93.7 94.0 95.1 97.1: 77.0 TOTAL NUMBER OF OBSERVATIONS.

USAF ETAC 10.04 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

UNTA PROCESSING SEAL O USAF ETHO AIR CEATHER SERVICE/INC

CEILING VERSUS VISIBILITY

2405 - 4.11. A7/40 SFUCK SEP142 .V

2-77

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

CELNG FEET							v 5:6	31. ** S**	"J"E % \5	\$						
***	≥10	، ه ڿ	≥5	≥ 4	≥3 '	≥2	≥:	≥ .	٤٠.	≥	≥ .	≥ .	≥ -	≥5 '6	≥.	≥3
NO CE ('NG ≥ 20000			27. H		32.4	37.5	3 . 5		34.J		30.0	34.	45.5	34.4	34. °1	٠٠٠٠ ٢٠°5
≥ 8000 ≥ 8000		27.2	29.0	31.4	- "		7.7	J0.1	30.1		^0.0		5 . £	ۇ٠.⊋ ≥3	27	37.
≥ 14000 ≥ 12000		:		31.7	•	34.4		,6.1 35.8	30.7	37.3	50, 1 27. s	3(.T	37.2	37.74 37.74		۲۰۱. ۲۰۲ر
5 6000 5 ,0000		75.7	31.7	33.4 34.1		37.1 27.4			36.7	39.1.	39.1	37	3,	3°.7	19.6 ≃9.1	_ U _ S
≥ 8060 ≥ 7500	•	ر م ′و با م ^و		35.4	36.7 36.4	३६.३ ३७.७	4 .4	.0.5 .3.8	43.9	41.1 41.3	41.1 41.3	41.	11.2	41.5 41.8	41.7	41.7 21.5
≥ 6000 ≥ 5000		ر. ° د د د د	33.d 35.d		39.4	315	4	-1.2 -4.0	41.3	-	41. 44.3	44.	42.5	42.4	42.5	32.5
≥ 4500 ≥ 4000		• .	36.0 39.1	39.4	45.0		5	45.2		45.7	45.4	45,5		40.1		• " • "
≥ 3500 ≥ 3000		:	41.0	44.5	40.7 51.5	-	· , • •;	31.0 34.9	51.1 54.2		*1.c	51.4 54.7	5.4	>2.3 25.3	r2.4 55.⊊	52 • 5 5 • • T
≥ 2500 ≥ 2000	6 1	42.9	1	50.3 51.5	54 • 5 56 • 1	50.5	5 . 7	39.0		59.7	57.e	57.5° 59.5	الأيدة أ أي و ر "	5 . 4 5 . 5	53.7. (∪.)	
≥ 1800 ≥ 1500		44.5	48.3 50.4			57.9 60.8	6 . i			01.2	~1.3 ~4.4	61.3 04.4	: 4.5		~c.d 45,±	
≥ 1200 ≥ 1000	i	45.8 20.5		58.2 60.5	64.4	64.3 57.4		- :	67.3 71.3	1	5ε. j	ca. 1	76.2		33. 귀 7८. i	
≥ 900 ≥ 800	***************************************	57.4	55.1 55.8	61.9	67.7	60.5	7.9	/1.2 73.0	. ,	72.3	- :	72.1 74.4	74.5	73.2 75.2		77.5
≥ 706 ≥ 660		51.5	50.0 56.0	62.5 63.8	70.5 71.9	72.3		74.8 76.8	75.5 77.4	7 ≥ . 1	78.4	75.4	77.4	,	77.4	
≥ 500 ≥ 400		27.3 52.3	50.7 50.7	64.9 65.1	73.3	74.2 74.2		79.9	82.7	34.2	54 a C	54.7	22.7 22.4	83.7 8=.7		
≥ 300 ≥ 200		52.3	56.9 56.9	65.1 65.1	74.4	74.8	8 .4	63.0	84.0 85.3		€.05 6.3°	85.4 57.2	77.4 70.0	37.5 9^.5	87.7 7ú.⊐	
≥ 100 ≥ 0		52.3	50.7 56.9	65.1 65.1	'1		S., 0	33.5	85.8 85.8	80.2 80.6			92.7	95.2		

TOTAL NUMBER OF OBSERVATIONS

__3_3

USAF ETAC 101 04 0+14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

MATA FRICESSING SEA C. USAF FILC AIR EATHER SERVICES AC

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CENING							- 3 6	51. TY 5"A	TUTE MILE	S					_	
FEE*	≥ .c	≥6	≥ 5	≥ 4	≥3	≥2	≥:	≥	≥' ₁	≥ '	٤.	≥ .	≥ .	≥5 ∪	ے.	≥v
NO CEILING ≥ 20000		22.7	,			24.6		_2.7		27.3 2.6		-	7.4	47.5 3.٠3	27.	7.7 31.5
≥ 1800C ≥ 1600C		. ° . € 23 3	,	24.4		2°•3 2°•4	3 .0	. 9		31.0 21.5	31.J 21.2	sl. '	11.4	31.7	2]	٠٠٠٠
≥ 14000 ≥ 12000		رع ۱۹ ۲4 م	24.3	-	20.4	20.5	3 · · 1 2 · · 5	11.5	31.3	32.41 32.5	- و ج ^د	32	نبي [:] يررد	37.7	36.1	ة <u>* • دَر</u>
≥ 10000 ≥ 9000		25.7 25.7	25.4 20.3	27.3	36 • • • • • • • • • • • • • • • • • • •	31.1 31.4	ે. કો <u>ે. કે</u>	9.ور <u>تعفد</u>	34.2	34.5	74	5" · 1	نو _{ن ب} يد <u>احد د</u>	2 · 2 2 · 2	3/01 32.7	ء ۽ جر آ <u>ئيڪئن</u>
≥ 900C ≥ 7000			27.1	28.4 29.4	31.1	4.75 <u>4.80</u>	3 . 7. 5 . 4	5.4 .5.4	37.1	31.6 37.7	30.00 7.7	• •	· /.	크 • 역 <u>크 • 카</u>	30.4 30.1	
≥ 6000 ≥ 5000		/2.7 	28.7	30.4	33.3	ۇ ، ، ۇ رو رۇ	k. : <u>t. :</u>	27.7 47.0	30.3	3 .9 41.3	76./ 71.5	ڏه ⊂ر <u>سون</u> ه	14.1	37.4	39.4 41.4	- " • "
≥ 4500 ≥ 4000		30.6 32.7	31.4	33.5		۶۰۰۶ز <u>۲۰۶</u> ۶	· . š	·i·4	44.7	44.8	44.5	42.4	1200 1200	+ ' · 2	43.3	
≥ 3506 ≥ 3006		33.9 34.7	34.5	30.7	42.5	43.2	4 .0	.5.0 -7.0	40.0	47.2 4°.5	47.1	47.4	7, y 4, , , ,	2.07	45. 50.5	اد و ۱۰۰۰ ا <mark>ا و د د د</mark>
≥ 2500 ≥ 2000		, 34,7 37.7	37.2 36.4	40.0	440.4		4 . 7. 5 . 4	52.7	51.4 52.5	51.9 54.8	-4.3	52.4 52.4	*	51.7 55.0	52.1	۱۹۰۲. <u>معدد</u>
≥ 180C ≥ 150C	· •	32.4 40.5	39.2 41.1	45.2	47. s	42.1 51.3	58 55.4	۶3.5 57.4	54.4 50.3	50.6	55 - ল 59 - ল	55.3 59.3	د . ۵ <u>۲ ۷</u>	07.5	50.7	
≥ 1200 ≥ 1000		42.4	45.1		54 55.:	24.9 54.4	: • i	63.2	62.2	53.4 58	60.1	63.9 65.1	* t . 3	01.9	^4.>	
≥ 900 ≥ 800		44.1	47.1	50.4 51.3	56 • c 58 •	57.5 55.3	62		55.3 67.4		-7.1 :5.4	67.	7.4	7.7	70.1	
≥ 705 ≥ 600	· !	95.5	47.4	52.3 53.1	59.4 60.1	51.9	50.4 55.4	71.0		71.3		71.7	72.4	77.4	72.4	
≥ 500 ≥ 400	: 	45.9	48.7	54.5	63.7	05.1	7,.4	76.9	76.6	78.6 60.8	78.d	79.1 81.5	79.7		92.7	
≥ 300 ≥ 200	!	46.2	49.1		64.4		74.0	79.6 79.6	80.3	82.9	£3.3	64.7 67.7	79.1 79.0	9^•6		11.5
≥ 10C ≥ 0	1	46.2	49.1	54.1 54.7	64.4	65.8 65.8	75.5 75.5	79.8	82.0 82.0	85.7	27.3 47.3	1.98 1.25	96.9 °5.3	,	94 3	97•9 150•5

TOTAL NUMBER OF OBSERVATIONS.

USAF ETAC 500 0-14-5 (OL A) MEVICUS EDITIONS OF THIS FORM ARE DISOLETE

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O

JAT. PROCESSING THE CH SAF ETAC AIR CALMER SERVICE/SAC

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

"EdNo							≠ Siê	5k.:"Y 5*4	TUTE MILE	s						
itt	2 0	20	≥ 5	≩ 4	≧ š	22	2.7	2	≥¹.	2	2.	≥ ;	≥ -	≥5 'e	2 .	≥0
NG CE1/NG ≥ 70000					27.4 31.5	27.4		_3.1 _2.7;		2~.3 ¹ 33.1		33.3	: . : . i . č [:]		33.1	
0005 ≤ 0606 ≤		_			31.4	3:.5		-	-	33.45 37.8		٠. ڏڏي • ڏڙ	13.4 13.4		33.40 33.5	
≥ '4000 ≥ 2000		-		•			1, à	5.1.	35.2	34.3 35.5		34.3 35.3	• •	لا. 4 ز اخ. 5 ز		اد و موق <u>اد و با د</u>
≥ 9000 ≥ 9000 =		4 ، 4	30.5	31.9	35. ي	25.7. 35.5	3 .5		30.4	37.2	?7 . =	32.5		37.2		-
≥ 800° ≥ 7000		<u> </u>	32.1		37.5	37.34 34.3	3.3	9.7	37.4		19.7			<u>۾ ۽ د</u>	39.3	7.0 1.00
≥ 6000 ≥ 500°		32.7	34.1	35.4	39.4	7 ۇ <u>ب</u> ر ع <u>د</u>	ج ، ج	<u>.7.9</u>	41.1	47.4	41.4	40.5 41.5	-,,, <u>-1,5</u>	41.6	40.0	~•°- <u>~•••</u>
≥ 4500 ≥ 4000		24.1:	30.1		42.3	47.3 42.3	۷ ک	.3.9	44.1	47.C	44.4	42.7 44.7	44.5	47	44.3	44.4
≥ 3500 ≥ 3000		ي. 7.4	39.5		45.3		· . ¿	,7.5	47.8	42.2	40.2	45.3 4 ² .3	45.5 45.2	4 .4	45.7	45.7
≥ 2500 ≥ 2000		43.5	45.1	48.4	53.ii	4°.0	55	54.9	55.3	51.2	55.0	55.7	75.7		51.4 55.3	<u>⊃ ° • · ·</u>
≥ 1500 ≥ 1500			50.9	53.3		50.5		52.C		56.8	c2.c	62.7		52.7	57.4	7٠٠٠ر <u>- 3٠</u>
≥ 1200 ≥ 1000		> ? • 3 5 ? • 3	50.7	58.7	69.0	69.B	72	73.2	74.1			74.3	74.6	74.0	69.7	74.4
≥ 900 ≥ 800		25.5 26.3	59.4	64.0	70.3	72.7		74.3	75.2	75.9 78.2	78.3	76.7		72.5	75.1	73.>
≥ 700 ≥ 500		37.7	51.1	56.7	74.5			30.5	82.a	82.4	51.1 53.2	61.7 62.7	41.2 3.7	81.3	81.3	32.4
≥ 50C ≥ 40C		37.7 37.7	62.0 52.3	66.1	77.4 77.8	79.2				88.4		67.1; 62.4		63.7	33.7	18.7
≥ 300 ≥ 200		5ª.7		68.3		72.5	23.3			92.6			٠٠	94.7		11.5
≥ 100		59.7 59.7		68.3										96 • 0 95 • 3		

USAF ETAC #084 0-14-5 (QL A) PREVIOUS EDITIONS OF THIS FORM ARE DESCRIPE

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS.

GE NO							+ Sta	5.°° 5"A	"U"E MILE	S						
£££	≥ `^	≥¢	≥5	≥ 4	≥ 3	≥::	2:	≥ -	≥ .	2	≥.	≥ .	2	≥5 8	٤.	≥.
NO CEUNS 2 20000		24.1 42.7	75.4 30.4	20.1	25.d 32.q	ر ٠٠٠ ٩ ١٠٠ خ		, /• L	27.2	27.2	77.4 73.+		1.2	27. Y	- 1.7. 33.4	
≥ ,9000 ≥ ,9000		۱۰۹ء ۲۰۶۶	31.3 31.3	31.7	33.1 33.1	32.7 22.7	* • • <u>}</u>	,9.4 4.5	34.7 34.7		14 g	34. 24.	۷,> ۲,۶	ائي. بوز 7. و ق	34.7 34.7	۶.» مر
≥ 4000 ≥ 1000			22.3 22.4		35.4	34.5 35.5	·		35.5 35.5		75.3 30.3	¥ ه∹و ڏوٽڙ	و <u>ئىر ت</u>	۶۰۰۲ ۲۰۰۶		ن ^د .۰۰ <u>ک.۲</u>
≥ 9000 ≥ '0000			36.d 35.7	35.1 20.2	37. j 35. j	37.4	·	33.4 -9.4	30.5 37.5		اد.ه۱ <u>د.۶۶</u>	34,4 <u>37,4</u>	د. <u>د.،</u>		36.3 39.3	٠٠, ٠٠٠
≥ 8000 ≥ 1000		5.9 9.10	37.1	37.1 39.4	41.4	4:.7		-5.4	41.7	41.0 42.7		→1.01 42.7	, y		42.7	41.3
≥ 6000 ≥ 5000		27.7 23.4	36.d	39.7 4(.4	43.	→2.2 →3.1	7	-3.3 <u>44.3</u>	43.1	43.1	43.1. 44.1	43. <u>.</u> 44. <u>.</u>	43.8 44.1	44.1	43.1	4201
≥ 4500 ≥ 400°	·	۶۰۹ <u>۱۹۰۶</u>	39.7 41.4	40.4	44.1	44.7	* · • *	45.7	44.4	44.4	44.4 -5.4	44.4 45.1	۱۴.۹ <u>۲۶.۵</u>	4 · • 4 5 • 3	44.4	45.
≥ 350C ≥ 300C	_	41.7 75.7	40.1	48.1	40.1 50.1	<u> 5:.9</u>	* .4	,7.7 <u>;1.3</u>	47.8 51.9	47.8 51.9	.7.8 51.4	9/• 1 51• 3	- 1.d	٠٠٠٩ <u>١٠٦</u>	51.4	<u>ا •اد</u>
≥ 2500 ≥ 2000		22.4 20.4	55.4 31.7	55.4	90.1	9.00	. a	28.1 28.1	50.4	51.7	ાં.ટ <u>ુંદે.</u> ટ્રે	۱۰.4 <u>د - ع</u>	71.4 2.4	61.2	73.2	21.5
≥ 180C ≥ 150C	<u> </u>	51.9 55.4	58.4	76.5	74.0	60.7 74.7	7 . 6	/3.9 /5.2	71.0 76.3	71.q 76.3	71.1 76.4	76.7		$\frac{71.9}{7:.3}$	71.3	71.1
≥ 1200 ≥ 000		20.9	73.7	74.4 76.4 77.5	72.d 81.d	73.q	= .4	33.8 24.3	35.9 34.4	34.4		გნ.მ გი.მ	4.4	54.4	70.4 44.4 36.4	۲۰۰۹
≥ 90C ≥ 80C		77.1	75.7	7E.9	82.5 84.1	87.6 84.1 84.d	2 9	35.3 56.9	37.0 89.1	35.4 87.1 89.2	27.1 27.1		°7.1	67.1	35.4 87.1 29.2	57.1
≥ 700 ≥ 600		77.5	70.2	80.8		\$7.1	5:.1 37.5		91.0	91.2	71.7		01.4	91.2	91.4	71.4
≥ 50C ≥ 40C ≥ 30C		77.5	77.2	81.1	87.7		9.4		94.0 93.2 93.9	93.7			2.3 93.8	93.3	73.0 75.4	93.4
≥ 200		72.5			87.5 87.5	5.86 5.28 5.28	9:.4		94.0	95.4	70.1	96.1	6.3° 9.3°	96.3	96.2	75.3 79.0
≥ 10C ≥ C	L	: 1								95.5	-					- 1

TOTAL NUMBER OF OBSERVATIONS

930

USAF ETAC 100 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE ORSOLETE

WI PRICISITION OF NOTE US IN ETHIC SERVICE/1901

CEILING VERSUS VISIBILITY

144 45/4 25 XX 37 17 1 Y

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

TELN.			_				v 5 S	5, TY 57A	"J"E + (E	5						
ftē"	≥ :	≥ 6	≥ 5	≥ 4	≥ 3	≥;	≥:	≥	٤.	2	≥ .	≥ .	≥ -	≥5 0	2 .	≥:
NO CER N 3 ≥ 20000							3 .7						7.7	3: 4	37.7	
2 300€ 2 500€				30.7 30.7				2.5	31.3	37.5 34.5	19. X	٠٠٠)	> . >:	3 .5	39.3	
≥ 14000 ≥ 12000		ي ر 7 . ني	38.4		42.4	42.5	47	.3.3	43.1		43.4	43.4	<u>ان ز •</u>		٠,٥,٠	
≥ 0000		41.1	11.3		40.4	44.5	7	.7.3	47,3	47.0	47.1	47.1	• 7 . d		-7 . .	.7. t
≥ 8000 ≥ 7000		44.7	45.4	47.5	50.4	> .4	· .9 <u>· .3</u>	.1.0	5i.u	>1.0	21.4	51.1	~1.·Y	2:07	51.J	<u> </u>
≥ 6000 ≥ 5000		44.7	47.4	57.3	50.1	55.7	خ. خ <u>ا ا ت</u>	.4.2	54.2	5 2	5464	54. 1	54.2	24.2	54.2	200
≥ 4506 ≥ 4000	•	30.3	51.5	54.2	57.5	57.3	5 ë	ემ.მ	50.0	5~.7	50.7	31.7	~ · · · · 7	23.7	50.7	<u> </u>
≥ 3500 ≥ 3000		57.9	58.2	51.1	54.4	05.3	ج ع <u>ځ ن</u>	65.L	50.1	65.2	60.4	07.	16.4		45.2	• • •
≥ 2500 ≥ 2000	,	<u> - ১ ব</u>	27.7	71.1	75.3	75.5	7, .5	<i>17</i> .1.	77.1	77.2	77.2	77.7	77.2	72.3 77.3	77.6	-7
≥ '80C ≥ '50C		ಿ. ತಿ	71.5	75.3	80.2	81,4	77.7	:2.3	82.3	82.4	-2.4	67	32.4	77.7 87.4	~Z+4	<u></u>
5 ,000 5 ,000 5 500		72.0	75.4	79.4	84.9	85.2	97.1	57.7	37.5	8r.0	36.	81.	^0.U	35.51 59.7	20.J	15.>
≥ 900 ≥ 300	•	72.4	75.7		86 · d	27.7	37.7	70.3	90.4	91.5	70.3		لز ورت	88.54 97.54	ار بین	**************************************
≥ 700 ≥ 600		77.9	70.3	80.4	87.7	65.C	9 .5 2 . d	91.9	92.d	92.3	٠2, غ	91.9	72.3	91.3	72.3	3
≥ 500 ≥ 400			70.3	81.7	88.0	89.1		94.4	94.9	95.3	25.3	94.7	75.4	94.3	75.4	5.5
≥ 30C ≥ 70C	·	74.2		81.7		39.1	9.00	94.6	95.4		76.5	96.7	٥7. يا	96.5	27.3	اد , 7 ,
≥ 10C ≥ C	:	74.7		81.7			° 2 • 8							99.2 95.2		

USAF ETAC CON 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE DISOLETE

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS.

18 0%6							• 5 5	31. "* STA	7U*8 M 18	s 						
#EE* *	≥ 0	۵ ۽	≥ 5	≥ 4	≥ 3	≥2 ·	≥:	≥ -	≥ .	≥	≥ .	≥ ,	2	≥5 'o	≥ .	20
NO CEUNG ≥ 20000		۲.٦ ۲.٠٦	ادرد د. دود	33.1 1.36		- •	. a	3.∃ -l.a	32.4	3 .1 4;.8	30.1	30.1 42.1	k	3.7	-2. J	1
2 9000 ≥ 6000		25.1. 35.9	36.1	36.9	41.3	4 . 2	4 .3	٠ ــ	42.5	41.9	•2.4 •3.2	42.1	-2.4	43.3		1 1 1
≥ -4000 ≥ 12000		۶۰۹ ۲۰۶	30.4	39.4 4).d		42.Ľ	· .2	.3.4 .3.3	43.4	43.0	43.d	45.1	ا اي ر ه	43.7	43.1	45
5 4000 5 ,0000		ال ما الا الم ما الا	43.7	42.9 43.4	45.7	44.7		47.5 43.1	47.5 -1.3	47.7	47.7 48.4	47.4	-1.9	47.4	17.7 40.4	47. d
≥ 30°3 ≥ "003		40.4 40.4	42.4	44. J 44. न	47.1	47,4 ~ '.#	4 ,7i → .d	.7.7 23.2	49.0 52	4°.2 5.4	49.4 20.1	4° • 4	49.4	49.4 5 . a	49.4 56.5	4
≥ 6000 ≥ 5000		41.7	43.1	40.3 50.2	49. A	41.9 >4.3		51.7 25.8	51.7 55.8	51.9 54.0	52. i	52.1 50.1	3.4	52.1 52.7	52.1 50.d	۲۰۰۱ز <u>کوونت</u>
≥ 4500 ≥ 4000		۰٬۰۹ ۶۰۰۶	/0.d	51.7 55.4	55.4 55.1	>5.5 >7.3	κ, » ς	-7.3 1.4	57.3 51.4	57.5 2).8	57.4 c2.4	57.7	7.7	57.7 02.2	57.7 <u>52.1</u>	۶۰۶ر <u>ا ۱۰</u>
≥ 3500 ≥ 3000		۶۰۰۹ ۶۰۰۹	53.7	58.4	52 · ¿), द इ. <u>१०</u>	۸ . 4 ۸ . 4	. 4.9 _8.8	54.8 50.8	64.김 61.김	.5.4 -9.4	65.4	±5.4 €2.4	57.4	55.4 57.4	۶.۰۰ <u>۳۰۰</u>
≥ 2500 ≥ 2500		57.7 57.7	59.0 52.1	67.3	39.4	73.1	7.07 7.04	72•4 75•4	72.1 75.6	72.6 75.d	72.3 7c.2	72.7 75.7	72.0	72.9	72.3 70.2	77.5
≥ 1800 ≥ 1500		61.9	54.0	70.5	73.4	74.17 76.1	75.3	75•7 79•1	76.7 79.1	77.3 79.7	77.5 79.7	77.9	77.5 79.9	77.9	77.3	77.4 77.4
≥ 1200 ≥ 1000		02.E	60.q	73.3 74.2	78.0 79.0	79.7 80.4	2 - 1 2 - 7	=2.7 :4.3	32.8 84.4	64.9	63.3 65.1	63.5 65.1	23.3 27.1	33.5	33.5 5.1	۶۹۰۶ د ۱۰۰۰ د
≥ 900 ≥ 800		24.7	57.5	74.5 75.d	80.5	31.2	5.4 5.4	55.3 55.4	85.4	85.9 87.1	27.3	67.1 67.1	96 · 1 57 · 3	85.1 37.3	30.1 37.3	57 - 7
≥ 700 ≥ 600		04.9 05.1	38.4	75.4	82.4	83.0	33.6	37.8 39.9	30.1 90.1	88.6 90.6	78.3 76.3	92.7	વેઇ.ઇ ઉ.ડે	95.9	8.8 90.9	70 • 7
≥ 500 ≥ 430		65.4 65.7	68.9	75.7	85.	85.3	3 .6 7 .9	92.Q <u>53.3</u>	92.4 93.9	93.1 94.4		93.7	20.3 24.4	94.9	73.3 74.3	240 2
≥ 300 ≥ 200		65.5	69.1	76.9	85.5 85.5	36.3	92		94•6 95•0	95.4	75.3		³3.9 27.7	94.0	76.4 75.4	15.0
≥ 100 ≥ C		55.8 55.8	59.1	76.9	85.5	E. 48	92.2 2.c	93.3 <u>14.3</u>	95.3 95.3	96.7 96.7	97.5 27.5		36.4	99.1	99.4	90.9 100.0

TOTAL NUMBER OF OBSERVATIONS

_ 92

USAF ETAC 104 0-14-5 (OL A) MEVIOUS EDITIONS OF THIS FORM ARE DISOLETE

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CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS.

08 J. N G							··\$1	311 °Y 57A	7.78 + .8	S						
45E* *	≥ '0	≥0	≥ 5	≥ 4	≥3	≥ 2	≥:	2	≥, •	≥	2 4	≥ ,	2	≥5 °8	≥ .	≥:
NC 1E (NG ≥ 20000							· , . 7									
≥ 8000 ≥ 5000		37.9	36.3	41.3	42.5	4 E . O		43.8	44.0	44.2	-4.1	44. 4	اد . به ۲	44.3		À
≥ 14000 ≥ 10000		4, قر	39.5	41.5	43.3	43, N	4.4.4	44.6	44.5	4 . 1	-5.6	45.7	+2.4	+5+2:	45.0	
3000. ₹		-1.7	42.7	45.3	40.	47.2	4 . 0	43.2	40.4	40,6	.c.i	47	45.7	4 . 7	+5.7	
300€ ≤		47.4	44.0	45.5	43.3	43.3	4 . 13	49.8	50.0	5 2	از و (۲	১ ৭	50.3	50.3	50,3	3 . 3
≥ 500¢ ≥ 500°		44.7	45.4	ង៦.51	5	20.3	7á	1.4	52.0	52.3	-2."	52.4	54.4	57.4	54.4	۱۹۰ ۳ ر
≥ 4500 ≥ 4000		4 = 1/4	50 . L	53.4	55.2	56.0	5.5	17.3	57.2	57.4	57.5		57.5	57.5	57.5	
≥ 350C ≥ 300C		22.3	54.3	57.5	اد ۵۰۰	01.0		-2+4	62.0	52.3	62.9	63.	4 9 . 4	3.A	53.5	2.3 35.7
≥ 2500 ∴ 7000		54.5	58.5	03.1 65.2	55 · c	37.2	. 3		66.9	00.1	69.4		44.4	71.8	69.4	
≥ .20C > .20C			51.7	66.3	70.0	73.8	72	72.7	72.9	73.2	73.3	73.4		73.4		
≥ .500		01.9 03.7	54.3	59.L	74.	74.7		77.2	77.5	77.8		78.1	75.1	79.1	75.1	78.1
≥ 900 ≥ 800		23.7					75		- :	81.2	:	51.4 53.4		81.5	71.3 72.3	2] • 9
≥ 'X' ≥ 6X'		04.7	50.3		79.d 81.2	30.8 32.2	59			64.8 66.6	30.7	85.1		85.2 85.9		ام د در د د
≥ 500 ≥ 400		35.5 65.5	68.7	74.3	32.2	63.1		37.7	86.3	\$5.9				39.2 91.1	39.2 91.4	,0.2 i.i.
≥ 300 ≥ 200		65.F		74.7	83.4	64.4	8 .5	93.2	91.1	92.3	92.9	92.7	92.6	92.3	₹2.4	97.00 92.1
≥ 00; ≤		05.8 05.8					89.1 87.1									

TOTAL NUMBER OF OBSERVATIONS

__93

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

CE NO							• 5·\$	9. TV STA	"J"E +4 ,E	S						
*##.	2:	≥ ≎	≥ 5	≥ 4	≥3	≥2	≥:	≥	≥ .	2	٤,	≥ ,	2	25 a	≥ .	٤.
NO 18 (NO 2 70000		۲. ^د ن ۲. ۰۵	10.4	29. s 33. s		31.4	3 .2		30.9	37.7	37.4	37.	34.	37.3	27.3	ي. د ،7ر
2 8000 ≥ 5000		3 . 3		33.4 23.5	,		• l.	7.3	37.5	37.7 37.9	77.	37.0°	77.4	37.5	7,1	آر ⁻ وا
≥ 4000 ≥ 2000		31.5 27.3	-	34.5			•) • .u	•	39.3	37 30.0	76.7 79.7	۶۹.۶ ۲۰۱۰ ند	10.7	3 . 8		
≥ 0000 ≥ 9000		17.7 34.4	-5.2 33.4	37.4 37.5		4^.!'	-		-	41.0 47.5	_	42.5	ال. ، ، - الا. يا-			•=•1
≥ 3000 ≥ 7000		35.4 35.3		39.7 40.1	_	42.1, 43.1		-		44.0 45.0	****	_	٠٩٠١, ٠٥٠٤	:		44.4 4.4
≥ 5000 ≥ 5000		.7.t	-	41.1				،۶۰۵ ۲۰۶		46.0 46.4			40.4	+ · · · · · · · · · · · · · · · · · · ·	43.7	
≥ 4500 ≥ 4000		42.4 41.9		44.2		47.4	4 .7.	,9.1 51.3	49.3 52.0	49.6 52.4	-9.1 12.3	49.1 52.4	47.d	45.9 22.7	49.3 52.7	20•3 20•3
≥ 3500 ° ≥ 3000		44.7	45.1 43.d	48.4 51.4	52. 55.5	22.4 55.4	· - · !	: 4.5 -7.5	54.7 50.d		55.2 58.0	55.7 53.1	5. d	55.4 53	50.4	الا . عار الا • عار
≥ 7500 ≥ 7000		4°.1 52.1	52•£ 54•d		59.5	20.4	7.•3 2-•8	61.5 5.3	62.0	62.4 66.α	12.5 50.2	02.1 65.1	^2.#		42,3 55,4	ე?• [⊑] <u>ს^•⊅</u>
≥ '800 ≥ 500		57.4 55.7	55.₹ 58.z	59.5 02.3	67.	04.2	60.2 6.8		57.q 7a	67.5 71.3	*7.5 71.4	- ,	47.4	57.9 71.7		7;•4
≥ -200 ≥ 000		53.8 28.6	52.¥	65.5 67.0	70.9 73.3	71.7	7 . 7	74.5	74.8	75.4 79.3	75.5 72.4	75.4 72.5	75.7 78.0	75.8	75.d 75.7	75.4 78.8
≥ %C ≥ 500		50.4 50.4	54.ü	68.2 69.1	74.4 75.d	74.7 70.1	77.4	78.3 1.0c	7.57 2.05	79.4 51.2	79.5 -1.4	79.4	77.7	79.8 31.7	79.	79.9
≥ 700 ≥ s00		60.7 31.7	54.4 54.9	59.8 70.5	77. J	77.5	8.2	ol.8	32.4 84.3	3:.2 85.1	25. X	63.4	۵ و د ۹ کرود	83.7	23.7 35.7	29.d
≥ 500 ≥ 400		51.9 61.6	55•4 65•3	71.3	79.5	79.9 80.4	# 1 . A	55.9 57.2	85.3 E.68	87.9 89.5	58.J	68.1 39.1	6.3° 4.1	3F.4	98.4	38. J
≥ 300 ≥ 200			65.0 65.0	71.6 71.6	80 · 1	80.7 87.8	93.9	38.6	93.2	92.4			71.9 74.0	92.2	92.4	16.7
≥ .00 ≥ C		51.6 6'.5	- 1	71.5 71.5	80 · 4	57.8 87.8				93.2 93.2			۲۰ در ۲۰ م	- 1	97.4 97.7	35.7 Lu6.1

TOTAL NUMBER OF OBSERVATIONS

7439

USAF ETAC 101 cd 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE DISOLETE

C

-MED -R (ES)() 1-4 (-SAH AF)(-AFR - EARLAF (L-V*SE/+)(

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

							• 5 5	** 5 4	7.4 * :							
ž# [*]	:	20	2:	24	ž.	2:	٤.	£	2	2	: -	2 •	:	2	<i>z</i> •	<i></i>
7 (1 4 4 A										47.7						
2 fuse 2 547		. 5 . 7	•0•• •7•d	48. I	49.5	40,2	٠.,	, 2	5,03	57.5). • ≥		2 .4		
2 400 3 7 m			47.±				.7	_ a	>1.3	2 . 2 5 i		21.7	٠د		*1.2	
2 TOU. 2 Prov		+7.4	46.4	50.1	52.0	5:.3	٠.٤	_2,4	>(.5	ɔ¹•š	^∠ • ^	z`•	•	ット。デ <u>ララ・デ</u>	12.0 12.0	
3 500°		.,,,	50.3	52.4	54	24.4	5.,7	; 4 . 3	5>•J	27.2 26.6	15.4	54.	5.4	>5.2	55.2	٠ ' د
3 50°C 3 50°C										27.7 23.4						
3 413 2 455		24.3	57.9	59.4		57.1	<u>7</u>	.7,9	23.0	5^,% 3 ² ,3	<u> </u>	:3.3	<u>ئە. د -</u>	97.2		2200
2 3500 2 3000		5 . 3		¢∻.l.	60.4	5°.5	~ Z	<u>. 9,4</u>	59.7	54.3 03.9	76.3	7.	7. , 4	7.3	70.J	7 . 4
2 1500 2 700		04.4	<u>7.1</u>	71.4	74.4	74.17	7,.2	75.4	73. t	77.5 75.9	7c	7:.4	76,4	7. , 7	75,,	73
≥ 90. 2 5%		√ ^R •1	71.5	75.3	75.4	75.à	72	79.7	79.9	77.3 d:.l.	40.Z	£1.3		o^.Z	20.4	.:• 2
2 33	 	71.2	75.4	79.7	33.1	63.2	8 d	24.5	34.8	85.Z. 85.!	-5. <u>2</u>	85.7	2.4	3 · 3	³5.∠ž	_= * Z
2 900 2 900 		72.4	76.Z	81.d	85.0	55.7	٥., ع	7.3	87.d	35.8 57.9	98.1	82.1	76.3	ŝ*.7	30.4	3 · 1
2 'X 2 wx		13.3	?7.a	a4, 4	30.0	52.7	ુ. લ	90.4	9¢. 🖳	91.1	91.4	91.3	- 4.4	9:.2	91.2	¥1.7
≥ 500 ≥ 400		74.2	79.J	55.5	90.0	99.5	9.3	÷3.(93.3	93.9 93.6	34.1	94.	30 . h	94.1	7+.1	94 • l
2 300 2 200 -> 00		74.3	79.1	85.4	91.0	92.9	9 . d	94.7	92.2	96.3 7 2	30.7	90.4	37.1	97.3	<u>لا. 97</u>	17.4
2 °	!									97.2						

TOTAL NUMBER OF OBSERVATIONS

20

DATA FROCESTING TEATER CSAF ETAC HIR EATHER SERVICES AC

CEILING VERSUS VISIBILITY

3405 H.H. AT/HL SPUCK OF RELY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

3-11

CEILING							VIS	BILITY STA	TUTE MIL	E5						
FEET	≥10	≥5	≥ 5	≥4	≥ 3	≥2:	≥ 2	≥1 ;	≳1.	≥1	≥ ′.	≤`*	≥ .	ه۱ 5 ≤	≥.	≥0
NO CEILING 2000		34.7	34.2 35.4	ئ. ئۇ كى ئۇ		37.6	· . 7	,8.8 41.8	30.9 41.7	25.3 42.1	19.4	20.4 4202	17.4 2.6	37	35.1 42.4) ? • / 4,
≥ 1800J ≥ 16000		25.9 27.1	37.0 37	39.0 39.3		41.1	· • 1	42.7	42.5	47.6 45.6	42.7 43.1	42.1	لا . ے ۔ لمانٹ	4: • 1	43.1 43.2	4 - 3 - 1 + 5 - 5
≥ 14000 ≥ 12000		7.7ء تور	36.3 39.6	39.4 40.4	41.7	47.5	4 7.1	13.2	43.3	43.8	43.1	43.7	43.4	44.1	44.4	-,4 • l
≥ 10000 ≥ 9000		; ^ • 7	40.4 40.4	42.1	44.1	43.7	" . J	45.1	45.2 45.8	45.7	40.0	45.	۰۶۰۷ د ع۰	46.5	40.0	4 * • 1
≥ 8000 ≥ 700°		+^.4	41.3	42.9	45.1	45.0	4 , 3 4 ' + 1	40.4	40.0	47.0	47.	47.1	47.1 47.7	47.3	47.2 43.1	+7+3
≥ 600°0 ≥ 5\		41.7	42.0	44.4	40.0	47.5	4 .0	48.1	40.2 50.3	4 • 7 5^ • 9	40.1	43.7 51.7	46.6 51.(45.7 51.7	49.3 51.2	,0,, _1.6
≥ 4 ∪		44.4	45.7 48.0	47.0 50.3	47.1 52.7	50.0	5,.0	21.9	51.9 55.st	52.4 23.6	55.7	52.4 55.7	5,,6	57.5 55.9	52.0	۰. وور
≥ 3500 ≥ .000		51 • 1	50.1	53, £		54.1 54.1	7. • L	8.4 1.3	58.6 61.4		69.c	50.7 52.1	46.6	50.4 02.3	59.4 <u>52.3</u>	ر • _د ت س • ب د
≥ 2500 ≥ 2000		22.7	54.4 <u>"5.1</u>	58.6	63.1	01.9	6 . 6	55.4	54.6 55.6	67.2		65.	د ، د ۴ <u>د ، ۲ ۰ ۲</u>	53.5 5 ⁷ .5	65.0	34.47 27.43
≥ 1800 ≥ 1500	 	54.9	.1.1 29.4		67.7	27.5	6,,9	10.9	67.5	68.2 71.8		71.9	71.3	68.4 12.2	72.1	63.4 13.4
≥ 1200 ≥ 1000		25.7 65.7	53.1	ან." იმ. (69. J	7 .0	74		73.8 75.9	74.6	77.0	74.7		75.0 78.1	75.0 7d.1	72.1
≥ 900 ≥ 800		۱٫4 ۱۶۶۶	34.0 55.4		<u>7</u> °⋅ <u>≀</u>	73.8	73.6 74.0	40.1	77.9 33.3	79.7 81.1	78.6	73.5 61.3	75.0	79.1 81.7	79.1 =1.7	77.1
≥ 700 ≥ 3		03.3 04.3	60.4 67.0		77.2	79.3		31.9	82.1	25 . I	+3.; +5.;	63.1 65.2	٠٠.١ د.د٠	85.7	23.4 55.7	37.4
≥ 500 ≥ 430		05.1	58.4	75.6			8; 0 a	83.2	86.8 88.6	89.7		87.°	97.8 97.0	88.1 90.3	38.1	۱۰۹ء دونور دونور
≥ 300		65.3	68.0 68.	76.2	82.9	82.5	87.7	39.7	90.2	92.8	73.3	92.1	94.1	92.5	92.0	72+1 95+2
≥ 160 ≥ 0		65.3	58.7 58.7	76.2 75.2		83.1 84.1	85.3 87.3	91.2	92.0 92.0	93.9	1	94.9 94.9	95.3	94.7	97.1 97.2	93.0 • 0ز1

OTAL NUMBER OF OBSERVATIONS____

USAF CTAC 10134 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

1

UATA PROCESSING TRANCH USAN SIAC AIR EATHER SERVICE/"AC

CEILING VERSUS VISIBILITY

34055

H. M. AT / NO SPOCK OFRIGHT 5-1/

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

10(1-11)

CEILING							VIS	BILITY STA	TUTE MILL	S.						
FEET	≥10	≥¢	≥5	≥ -	≥ 3	≥2 ,	≥ 2	≥1,	≥1.	≥1	≥ ,₄	≥ 5 6	≥ -	≥: 16	2.	≥0
NO CEILING ≥ 20000		29.7 12.5	30.6 33.4	31.3 34.1	35.4	33.6 36.8	71.1 3	54.5 7.7	34.7 37.9	35.3 31.6	22.1 78.7	35.4 38.4	•5.4 ₹2.7	35.6 3.3	- ,	35.
≥ 18000 ≥ 16000		33.5 33.5	34.4	35.7 35.3	37.0 37.0	37.9 32.0	3 .4 7 .C	,8.7 .8.3	35.9 35.2	39.6	19.7	27.7	25.7 39.7	32.9	39.) 40.	45.00
≥ 14000 ≥ 12000		34.3 4.7ر	35.3 35.7	35.9 36.4	30./	31.0	4 . 4	_7.6 +0.4	ن • ر 4 <u>4 ر • و</u>	40.7	40.0	41.4	40.5		41.0	
≥ 10000		۶۴.7 ۶7.6	37•લ 38•7	39.4	~~	41.5	4 • 2	,2.5 .3.4	42.7	44.3	43.0	43.	43.5	44.6	43.7	464
≥ 8000 ≥ 7000		۹۰۶۰ ۱۹۰۹ر		40.7	44.0	44.0	44.4	44.7	40.3	45.7	45.0	47.2	43.7 <u>7.4</u>	47.4	47.4	
≥ 6000 ≥ 5000 ≥ 4500		47.4	41.7			45.7 47.7	4 .4	46.8 48.8 49.6	47.3 47.3	47.8 47.9 50.7	47.9 50.1	50.7 50.7	43.1 53.2	43.3 20.4 51.2	50.4 51.2	۰۰۰۸
≥ 4000 ≥ 3500		44.9	46.0	47.3	50.4	50.4	4 • 2 • 1	_1.5	51.9 54.5	52.6	52.c 53.4		56.9 52.9	23.2	53.2	31.4 33.4
≥ 3000 ≥ 2500		4°.4		51.1	54.3	54.5	- 1	20.1 20.7	50.0 57.3	57.3			7.5 7.5	57.8		24.
≥ 2000 ≥ 1800		57.6	54.9		57.6	59.8	61.1	(2.0	62.5	63.2		03.5	5,5 54.4	63.7	53.8	04.4 05.i
≥ 1500		28.1	58.1	-		67.6	6.7	_1	67.3	68.1	58.3	77.1	72.1		72.4	09.1
≥ 1000 ≥ 900		59.5 69.1	52.4			69.7 70.7	71.6	12.9	73.4	74.2	74.4	74.5	74.5	74.7	74.9	
≥ 800 ≥ 700		61.6	65.0		71.7	72.2		75.3	77.8	76.6		77.7	77.0	77.2 79.1	77.3	لــــــــــــــــــــــــــــــــــــــ
≥ 600		63.1		68.9	72.U	76.3			81.2		85.1	82.4	95.2	85.5	82.9 85.7	53.2 55.3
≥ 400 ≥ 300		63.5		70.5		79.1	83.3	85.0	85.5 85.1	90.0	90.4	67.4 90.7	71.5	91.5	30.3	72.7
≥ 200 ≥ 100 ≥ 0		63.6 63.6	57.4	70.5	78.4	79.1 79.1 79.1	83.4		89.4 89.4	92.3	93.2	93.3 94.2 94.2	73.9 74.0	94.3	9,.3	

TOTAL NUMBER OF OBSERVATIONS.

_39

USAF ETAC 101.64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

MATA PROCESSING TRACTS
USAF LING
OTHER SERVICES NO

CEILING VERSUS VISIBILITY

34000 1.44 AT /407.34 JCK OFRA Y

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

-12-11s

CERNO	: 						\1S1	5. ° 5 A	CUTE MIC	£S.						
·	! ≥'0	≥¢	≥5	≥ 4	≥ 3	≥2.	≥ 2	≥.	≥`.	≥,	٤ ،	٠,	. ≥ ,	≥5 10	≥ 4 .	≥0
NO CERING ≥ 20000	3	- ^•A - 2 ⁶ • 5	30.d		31	۱.۶ ۱.۶	, , ,	-7.8 36.7	32.0	32.6	10.1	3 1 0	1/2.0		 .	3
00081 ≤		57.5 5~•	17. 4	39.4	37.4		4 . 4	*3.5	4 , 1		46.€	47.1	1		43.1	• • • • •
≥ 14000 ≥ 12000		3°.5	30.U	39.6	40.2	47.4	4 .7	11.7	41.0		41. /	41.	1.3	41.7	41.J 41.J 42.H	4
≥ 10000 ≥ 9000		च े. सी -7.सी	~0.d	41.7	42.	47.5		43.1	43.1; 43.7		+3.1 43.7	4 4 1 7	41.3	43.4	43.3 43.3	
≥ 80% ≥ 7000		42.1 42.4	42.1	43.7	44.4	44.5		40.8	45.2 40.8	45.2	12.7	45.	45.3	45.3	40.7	•
≥ 6000 ≥ 5000		42.d	44.3	45.4	47.5	47.5	7 . 44	.7.3	47.3	47.3	47.	47.	1.7.4	47.4	47.4	3
≥ 450° ≥ -700		48.4 48.6	46.7	47.4 50.1	43. 51.	51.3		22.4	47.4	47.4	49.4	47.4		47.5 57.5	49.3	
≥ 3500 ≥ 3000		50.7 24.9	11.3 55.1	57 Z	53.4	51.5	5	24.7	54.7 50.6	54.7	54.7	54.7	· 4	50.8	K. 3	3.0
≥ 2500 ≥ 2000		51.7	39.U	59.4	61.4	0].4 65.4	4 8	02.9	62.9 70.2	62.9 75.2	2. y	52.° 7°.3	73.4	67.5	^3.J	3.0
≥ 1800 ≥ 1500		64.9 71.9	·7.9	68.9 73.5	70.7	7^.9 7=.0	74	77.7	72.4	77.8	72.4	77.4	72.5	72.9	72.5 73.1	72.4
≥ 120° ≥ 1000		16.1	70.4 77.9	77.9	80.2	37.7 52.8	8.4	2.9	82.9 55.1	შა1 65.2	23.1 25.2	23.1 85.7	3.4	37.4	43.3 55.4	5.1
≥ 900 ≥ 800		17.1 17.5	73.4 79.4	50.7	83.7	82.9	9,.0	65.2 67.4	97.7	86.3	36.3	£6.7 87.	3.2 30.4 30.4	84.5	70.1	2 · 2
≥ 700 ≥ 600		/7.9 /8.4	79.9 30.0	82.2	85.7	86.1	9.0	39.6	89. 91.d	89.9 91.1	99.7	39.7	37.0	90.1 91.3	70.1	7 . 3
≥ 500 ≥ 400			81.3	53.8 54.1	87.6	88.6	٦,٠३	92.3	92.4	97.8	92.9	93.1	73.1	93.2	73.2	73.4
≥ 300 ≥ 200		70.7 70.7	51.4 51.4	84.5	80.9	89.3	9. 9	94.4	94.0	95.3 95.8	95.4	95.7	95.9	96.1	96.4	94.4
≥ 100 ≥ 0		70.3	51.4 51.4	84.4 84.4	89. 89.	89.4	93.2	95.1	95.7 95.7		77.1	97.4	75.1	99.9	99.3 99.3	79.4

TOTAL NUMBER OF OBSERVATIONS

38.

USAF ETAC 201 64 0-14-5 (QL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CATA PRICISSING TAR TO COSAR ETHE AIK REALTER SERVICEME

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS:

15. NO							- 151€	BILITY STA	TU'E ∨ LE	5						
EE	≥10	≥0	≥ 5	≥ 4	≥ 3	≥?.	≥ 2	≥:.	٤.	≥ .	≥ .	2.	≥ -	25 6	۷.	≥3
NO CE.NS ≥ 20000				30.4			1 .2			31.2		21.7 27.7		31.2		3: 3
≥ 3000 ≥ 5000		۶۰۶۶ ۲۰۹۲ر	26.1 37.3	36.5 37.5	30.1	-	. 7	-		37.7	_	۶7. ۲ ۲. و و	77.7			77.4 F
≥ 14000 ≥ 2000			39.1	37. ₹ 39.4	40.0		4 .4			36 40.4		33.4	4,4	3€.44 47.4	36. x 40.4	* • *
≥ 1600 ≥ 9000				46.5				72.1.	42.1	42.1	42.1	42.4		41.6 47.1	+1.01 →∠.1	, , ,
≥ 8090 ≥ 7000		72.7	43.0	42.4 43.4	42.1		4 . 2	15.2	~2.Z		45.4	45.7	15.2	47.0 45.2	45.2	+3+5 +5+4
≥ 6000 ≥ 5000		1	•	46.4		47.1	4 . 3			45.9		45.4	- ' :	47.3	4.4	
≥ 4500 ≥ 4000	•	21.5	51.4	47.5 51.4	53.0	5 4 . 2	\$ sa		53.4	49.0 53.4		5300		23.4	53.4	2:03
≥ 3500 ≥ 3000		6,2,4	+3.0	50.7 53.7	55.1		4.3	5.3	65.3	05.3	ر و و ځ	05.	لتروز '	57.4	52.3	٠, ١
≥ 2506 ≥ 2000	1		- 1	70.4 76.3		79.2		18.0	70.6	7:.8 7:.6	78.0	7-04	70.0		78.0	77.9
≥ '500 ≥ '500			77.4 30.7		83.4	02.7	79	19.9 64.0	84.1		79.3	54.1	79.5 4.1	72.G	34.1	7-0
≥ '291 ≥ '600	: •			85.0 86.9	89.2		3 , 7	37.6 39.7		95.0	30.	91.1	°\$.0 ℃.∪		90.0	33.4
≥ 900 ≥ 800		35.7	35.€ 56.4	87.3 87.4	91.	91.1	7. 7	39.9 31.5	90.1	92.1	7C · 2	92.1	42.1		72.1	7.0.
≥ 700 ≥ 600	<u> </u>		97.2		91.3		03.2	92.2 93.3	93.6	53.8	92.1 93.0			93.9	93.0	
≥ 500 ≥ 400	<u></u>	34.7	37.4		93.9	94.4	9 .6	94.8 ,5.7		25.7		95.4 95.0	^6.5	95.4 95.9	76.5	95.4
≥ 300 ≥ 200	i +	34.7	87.9 37.9	39.7	93.9		S8	36.1 75.3	97.2	97.9 98.3	76.4	98.3 99.7	99.1	99.3	99.4	
≥ 100		55.0		89.7	1		9.9			98.4 98.4		95.	- 1	99.7 99.7	1	99.4 1.00

TOTAL NUMBER OF OBSERVATIONS

_∍*∩*≀

USAF ETAC 1014 0-14-5 (OL A) MEVIOUS EDITIONS OF THIS FORM ARE DESCRETE

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS;

25.50							- 5	ê.∵ s'∸	"J"E % 4E	>						
ŧŧŧ.	≥ '\$	≥ 6	≥ 5	≥ 4	≥:	≥2	≥ 2	≥	2	<u> </u>	≩ 4	۷.	≥ ,	≥5 6	≥ .	<u>۔ ۔ ۔ ۔ ۔ ۔ ۔ ۔ ۔ ۔ ۔ ۔ ۔ ۔ ۔ ۔ ۔ ۔ ۔ </u>
NO CE. NO ≥ 20000		-		-		•	-	-3.2		34.5	43.4	2 * • · · ·	ائد. به اخد و _	34.3	43.5	,4
≥ 8000 ≥ 8000								44.3			*****	4	94.Z	44.3	44.2	./
≥ 4000 ≥ 2000	•	4,4		•				55.4 56.7		45.3	45.d	.5.4 4 ⁷ • 1	15.d 47.d	45.4 47.3	45.0 47.1	. 5 , 14 7 . 14
≥ 10000 ≥ 9000 -		47.4 47.6	. • .	45.4 45.4			4	49.1	49.7	4° • 2, 4 , • 7	19.7	49.4 41.4	-9 . <u>d</u> -7 . <u>T</u>	4° • 2' 4° • 7'	400	1
≥ 3000 ≥ 7000		۰۰۰۲ <u>۱۰۶: ت</u>	50.7 24.7	31.3 54.4		51.9 55.3	72	,2,2, 55,3		57.3 55.4	2. ! 5. e	51.4	 	5 ' • 3 5 • • 4	2.3° 4.65°	۶/۰۶ محرر
≥ 5000 ≥ 5000		1.	70.5	57.1	58.2	<u> </u>	ŝ .a	_		57		- 1	·	55.7 57.7	50.7	25• J
≥ 4500 ≥ 4300		54.7		58.5 65.1		2°•1,	~ . 4	ეშ . მ		53.6 55.0	59.8 50.J	57.4	ن. ن اد. ن	1	59.0 56.J	2°.5
≥ 3500 ≥ 3000		37.4 7;.9		69.1, 73.7		74.2	7 . i		70.2	74.9	74.4	76.7	7,.4	7*.2	70.4	71.4
≥ 2500 ≥ 2500	: •	75.6 12.4		77. <u>3</u>	77.9 81.2	<u>51.2</u>			76.d 82.0	1	78.5	72.4	73.d	75	76.m	14.5
≥ 180¢ ≥ 150¢			€0.3 32.0	81.2		37.1 34.7	°, •8 °, •4	.2.8 45.4	82.9	52.9 85.0	52.3 55.5	=7.9 55.4	12.9 3.0	62.9 05.4	72.3 25.0	9 E • 2 :
≥ 1200 ≥ 1000		54.9	35.J	30.4 37.4	87.4 89.0	67.4 63.3		5.88 D.C?	88.3 90.1	38.3	R3.4 ?0.3	50.3	5.4 	97.3	90.4 7.3	, * • 4
≥ 90¢ ≥ 800		54.4	30.9 37.4	85.2 89.9	93.4	97.8	2.9	30.8 71.9	93.9	- ;		91.1 92.1	31.1 32.2	91 • 1 92 • 2	71.1	71.1 12.2
≥ 700 ≥ 600	,	54.7 57.1	57.7 53.7	89.9 91.2	92.4	92.0 93.4	97	74.7	94.9		23.0	93.1	، د. ۲۰۰۱	93.5	73.U	+3.0 15.1
≥ 500 ≥ 400	! !		39 • 1 39 • 2	92.1	94.7	94.7	93.9	95.4	96.8	96.4		47.7		96.4 97.0		35.0 27.0
≥ 300 ≥ 200	1	57.4 57.4	59•3	92.3	95.4			57.2		98.2		98.7	96.i	99.3		- C - C
, ≥ ,00		57.4	59.3 59.3	92.3	95.6		97.0			99.3		98.5	\$9.3 0¢.3		99.4	

TOTAL NUMBER OF OBSERVATIONS....

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USAF ETAC FORM 0+14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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CATA PRICESSI O CRASSIA USAN ETIC AIR EATHER SECVICEN AC

CEILING VERSUS VISIBILITY

1. 10 AT/HO SPOCK OFFICALLY PERCENTAGE FREQUENCY OF OCCURRENCE

FROM HOURLY OBSERVATIONS

18. NO							¥+S+!	5."Y 5"A	TUTE MILE	\$						
.EE	≥ 3	≥6	≥ 5	≥ 4	≥3	≥2	> ?	≥	≥' .	≥.	≥ .	≥ .	≥ -	≥ 5 '5	٤.	20
NO CE ∟NO ≥ 20000			42.4	42,4 51,4	43. 1	• •		44.3 ,2.₹			44	-	-4.3 3.6	44.3	44.5	4***
2 8000 2 5000		27.3	20.7	52.3	53.3	57.4	. 3		54.1	24.T	*4.1.	54.1	* 4 . 1	24.1 2.4	54.7	3 · • i
≥ 4000 ≥ 2000		21.4 22.4		53.5 54.5				55.8 55.1		55.3 56.4		-		55.3 50.4	50.4 50.4	آ مار <u>مار د</u>
2 0000 2 9000			55.1 55.7	56.3 57.3	57.5 55.4	22.3	5 . 9.	28.1 18.9	27.2	27.2	39.	7.	* 7.6	5' .7		5 - • • 5 - • • • • • • • • • • • • • • • • • •
≥ 8000 ≥ 7000		57.1	79.0	59.3 61.1	· .	5° . 3'	1. 7	2.7	53.a		ار . ذ .		<u>ئا و د ۲</u>	53.0	<u>*.3. ji</u>	. (+ 1 <u>.)</u> (+ 단
≥ 6000 ≥ 5000		<u>د ۲۰</u> ۰۶	23.7	62.3		57	9	65.5 55.9	57.2	67.2	57. ci	67.	+7.c.	67.2	47.2	
≥ 4500 ≥ 4500			78. vi	57,4 70,4	71. 4		7 .2	2.2		72.6		72.0	7 ₆ .3	5° • 4	72.4 K.57	77.5
≥ 3500 ≥ 3000		73.9	70.4		79.	79.2	· . o	50.9	<u>35.3</u>	54.3	د و ا	30.4	76.0	33	20.3	7· • • • • • • • • • • • • • • • • • • •
≥ 7500 ≥ 2000		75.7	18.0	75.1 80.7	84.0	82.0	<u> </u>	₹1.2 :3.2	93.5	37.6	3.6	81.	F 3.4		93.0	-] • 5- - <u>-] • 5-</u>
≥ '80C ≥ 50C	 	77.4	31.03	81.7	<u>ر . خ8</u>	83.0	1.1		86.0	84.7		85.F		54.7	84.7	<u>u-•</u>
≥ 200			<u>ن • 5 ع</u>	85.7. 87.7	89.7	89.7	9:00	88.5 71.3	91.7	91.7	21.7	69.1 91	31.7	91.7		9 • 1; 9 • 1;
≥ 900 ≥ 800 ≥ 700		1 1		\$7.9 35.1	90.0	90.6		92.6			92.1	92.3			72.9	22 • II 22 • II 22 • II
≥ 700 ≥ 500 ≥ 500		p2.9	36.1	•		91.3 91.8	9.0	94.2	93.3 94.6 94.7	95.8	94.6	94.2	- :	94.3	94.9	73 · 5
≥ 400 ≥ 306		53.0 53.0	35.2	89.2	92.1	92.1	51.2)4.8 95.7	95.1	95.6	97.1	95.7	95.7	9	97.4	37.2
≥ 200 > 100	-	1	26.4	89.Z	92.3	92.3	9:.0	76.1	97.d	97.8	77.9	97.3	73.1	98.4	90.3	77
ž °C		€3.n		89.2	,		- 1								29.91	

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TATH PROCESSING WASCH
USAF ETHE
USAF ETHE SERVICENTAL

CEILING VERSUS VISIBILITY

11.4. A /4. 52-CA 054.6 1

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

+ 5/6% TY STATUTE MILES 25 € 3 04 03.1 52.1 53 53 53 53 53 67.4 77.6 47.5 47.0 47.1 NO SELING ≥ 20000 53.1 53.1 ≥ 18000 ≥ 6000 27.1 50.7 52.7 53.7 57.9 · . . 2 , 4 . 3 54 . 3 54 . 3 54 . 3 54 . 3 35.1. 55.1 21.4 ≥ '4000 1: 4 25.4 55.8 55.6 55.8 ≥ 12000 51.3 52.4 54.4 55.4 55.2 52.7 53.4 55.8 57.4 57.1 55.7 55.7 ≥ '9000 5 .4 .7.6 57.6 57,6 57,4 57.1 24.2 54.4 56.4 50. 50.0 ≥ 8000 54.7 jo.d 58.4 6J. 1 57.1 5 . A . J. 6 60 . 4 5 . 4 1 t . 4 6 1 . 4 ≥ 7000 6C.2 6.07 0:07 2.1 52.1 32 . l. ≥ 6000 ≥ 5000 1.69 4.65 D.50 D.60 P. 6 F. To p. 50 7.30 p. 63. 1 51. 61.4 63.4 64.4 64.5 .J . 5.4 55.4 05.4 -5.4 59.2 57.2 49.2 67.3 ≥ 4500 .7 52.4 64.2 55.3 65.9 5.3 60.4 ≥ 4000 •9 53.0 67.1 68.6 09.5 ≥ 3500 ≥ 3000 73.2 73.2 73. 77.0 77.0 77. 13.0 7..1 :3.2 73. 37.7 48.9 70.9 72.0 77.5 ≥ 2500 77.7 74.3 76.4 74.7 76.4 79.3 70.2 30.1 81.1 40.1 32.6 37.8 27.4 .9 30.1 ٤^. ≥ 2000 81.7 81.9 5 ≥ 1800 ≥ 1500 74.4 77.1 79.4 82.4 62.1 52.4 -3.4 63. 33.0 83.0 33.Q 85.3 85.3 35.3 79.2 61.4 84.4 04.4 ≥ 1200 ≥ 1000 72.1 51. 83.4 80.7 37.3 87.6 57.4 27.0 87. dr. 7 7.d 37.6 87.d -7.5 >9.1 39.0 89.0 84.1 52.4 88. 89.4 89.7 29.7 96.8 97.9 96.4 29.7 89. ₽Э. 900 79.7 62.4 85.7 88.7 88.7 39.6 87.0 69.4 90.8 92.1 92.2 92.4 92. 93.1 93.3 93.3 93. 92.4 ≥ 700 50.7 84.2 87.8 91.4 91.1 0. . 9 22 . 1 92. 92.2 92.2 600 er. 9 64.4 88.0 92.1 92.1 9. 9 93.1 73.3 91,3 93.3 93.6 93.9 94.8 95.3 75.4 92.3 92.3 93.6 Jr. 9 84.4 88.1 23.0 93. 93.4 93.8 51.7 84.9 88.4 94.7 C6.4 0...7 d1.3 84.4 8F. 93.7 93.3 95.3 96.0 96.1 95.2 75.1 75. 86.4 93.6 ٢7. 200 94. 97.d 9. 95.0 97. 97.4 97.3 97. 95.1 61.3 34.9 38.5 81.3 84.9 68.5 94.0 99.2 100 90.3 97.6 93.0 75.6 99. 90.3 97.6 97.4 93.4 93.8

TOTAL NUMBER OF OBSERVATIONS

-600

USAF ETAC TOTAL 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE DESCRETE

MAIN HRUCKSSING RAALEH USAF EINE AAR EAFER SERVICH/ME

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCUR

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

TEV NO							v15	8.1.514	"V"E MILE	\$						
ŧĒĘ*	≥10	≥\$.	≥5	≥ 3	≥3	≥? :	≥:	≥	≥ - ,	≥.	2 4	≥ .	≥ . ,	≥5 16	۷.	≥0
NC CE 1NS ≥ ,0000		35.7	20.3 11.2	37.1° 42.3	3000			. 1018 44.2		32.1 44.5	37 .4	_	i.	4 4	44. %	3 •/
≥ 8000 2 600u			42.7			43.1				4: 4	•5•5 •6•4		ر. در. ا <u>ن. د :</u>	41.5	45.5	45.5
≥ 4000 ≥ 2000		42.4	·3·c	46.2		45.4		.2.2 -7.2		48.5	47.5		42.5	47.5	47.	.^.> -7.=
2000 ≤	<u></u>	× . /.	+3.> 46.€	47,4	40.1		2		47.5	43.7	19.1		1 1	4 - 1 4 - 0	47,3	<u>,^.</u>
≥ 9000 ≥ 7000		4 . 5	47.4 49.4	5c,3	52.1	22.7	5 .0		5,		بدوور	52.		<u> </u>	53.1	<u> </u>
≥ 5000 ≥ 5000	.	-	52.0	53.2	54.0	34.5	<u> 55.5</u>	25.5	55.2	57.9		٠٠٠-	· .		56. 7	<u>. c. i</u>
≥ 4500 ≥ 4000		55,3	53.1 56.4	57,1	59.4	37.4	1.2	_ებ.3	<u>ځو د څ</u>	6 . 6	÷v.7	<u> </u>		<u> ૦′ • લ</u>		<u> </u>
≥ 3500 ≥ 3000		>7.4 	C206	84.5	50.7	٥~. ٦		<u> </u>	55. u	64.2	r8	5 ² •.	<u>ر . و '</u>	c°.3		54.4 <u> </u>
≥ 7500 ≥ 2000		37.4	56.2 49.3	71.4	73.1	13.0		15.1	75.2	75.4	75.5				75.0	72 • ¥
≥ 800 ≥ 500	<u>L</u>	71.1	73. l	72.5 75.5	71.3	76.9		79.5	79.7		36.J	75 • · · · <u> </u>	<u>ಿ), ೧</u>	8' . 1	40.1	70.0
≥ 200		72.4	77.4		83.	03.1	3 . 3		82.1		55.5	25.		95.6		
≥ 900 ≥ 800 ———————————————————————————————————	: 	15.2	76.5	80.8 81.5	85.	\$5.1		⇒7 • 2		85.1	£7.€	27.	³ 7,5	37.9	97.	7.4
≥ 706 ≥ 600	<u>: </u>	74.3	79.8	82.2 83.4	57.		67.5	20.1		89.1 90.8	90.9	97.5	°9.6 93.9	91.0	91.	9. 4 41. 1
≥ 500 ≥ 400	<u> </u>	77.5	<u>د و د</u>	84.4		89.3	91.0	31.4 32.5	93.0		93.7	93.		94.0		32.5
≥ 300 ≥ 200	<u> </u>	77.5	30.0	84.5	89.5		0.6	_)4.d	94.9	95.1 96.1	96.4	9	97.1	97.4	77.7	37.
> C	: <u> </u>	77.5	50.4 80.4	84.5	89.7							97.3 97.3		1	ς ₹. 9 98. 9	

TOTAL NUMBER OF OBSERVATIONS

7173

3

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JAT, +R.C.SUING TAT TO JSG: EILT FIR EATT+P SERVICE/-AC

CEILING VERSUS VISIBILITY

5447 4 Hall AT/46 52004 to K. Y

4-7

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

C 20 - 20 -

CEILING							ViSi	BILITY STA	TUTE MILE	S						
! FEET	≥¹C	. ≥6	≥ 5	≥4	≥3	≥2:	≥?	≥;.	≥1.	≥,	≥ .	≥ •	≥ .	≥5 10 ;	≥	≥0
NO CEILING . ≥ 20000		40.9 44.7		43.5	44.7	44.7		- 1	40.1 50.0		46.	40.7 21.1		40.2 21.1		4
≥ 18000 ≥ 16000		45.9			49.	47.3	٠٠٠ <u>١</u> ٠٠٤	50.7 0.7	5 e	51.] 21.]	51.1 1.1	21.7 21.	٦, ۶ <u>۲, ۶</u>	51.2 2.3	51.4 51.4	۱۰4 ادونو
≥ 14000 ≥ 12000		4°.7		47.5 30.3	49.5 51.5	49.9	5 . 4		5; • 4 5 • • 1	51.7 52.3	۱۰۶ دعقت	ز ۱۰ ز ۱۰۰:	۱۰۷م <u>د د ک</u>	4		
≥ 10000 ≥ 9000		-7.7	<u> 51.5</u>		ا. دو 5 <u>د د 54</u>	53.9	5204	<u> 5.5د ح</u>	ეე.4 ეე.მ	27.1	55.	56. 7 57. 3	50.0	56.3 27.3	50.3 57.3	7.1
≥ 8000		57.7 54.4	30.4	58.2	57. u	57.8	<u>, , , , , , , , , , , , , , , , , , , </u>	19.3 1.61	54.5	5°.9	-2.02	61' · 7	^	52.4		<u> </u>
≥ 6000 ≥ 5000		55.4 21.1	59.7	61.7	50 • 5 63 • 4	03.4 03.4	لا. د .	.5.7	62.5 65.4	03.0	43.0	63.7	۵.د لا.ه ⁄	52.7 55	53.4 <u>63.4</u>	5 % 3 5 % 6
≥ 4500 ≥ 4000		23.3	65.4	67.4	60 • 3 69 • 9	57.9	7 .Z	.5.4 72.1	76.2	72.7		69.1 72.7	49.1 4.2.9		59. <u>.</u> 73. ä	75.7
≥ 3500 ≥ 3000		55.1 56.7	59.5	71.7	72.2	72.2	7.0	77.4	75.2	75,8 75,1		76.7 73.1	70.1 75.4	75.4	70.2 73.	<u></u>
≥ 2500 ≥ 2000		57.1 57.4	71.2		70 • 3	76.4	77.9	79.3 32.3	79.4 80.4	51.0	°C.U	۶٬۰۹ ۲۰ <u>۱۵</u>	55.4 1.4			· ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' '
≥ 1800 ≥ 1500		70.1		76.4	77 • 4 79 • 6	77.7 80.0	7/04	23.9 <u>3.3</u>	33.5	81.6 34.0	94.0	84.	1.9 -4.3	(4.3	92.3	
≥ 1200 ≥ 1000		71.5	75.7	79.2	81.4 83.5	63.5	85	25.9	85.6 67.0	86.2 87.6		26.4 87.0	7.9		30.0 ag.	2 + t)
≥ 900 ≥ 800		72.4	77.0	80.7	84.0	85.7	3 . 3	67.7	37.8 35.8	88.4		89.7	6.7 9.0	33.7	83.9 Fy. 3	۴۰۶ر ۱۹۰۵ر
≥ 700 ≥ 600		73.4	78.0	81.9	80.8 80.8	85.9 87.0	27.9 29.0	99.4	89.5 90.5	90.1 91.1	71.1	91.0	(),3 (1.4		90.5 91.5	11.5
≥ 500 ≥ 400		75.3 75.7	79.3 79.7	84.0	88.4 89.4	83.8	9:.1	÷3.7	92.7 94.0	93.3	93.3	93.5	94.4		93.7	5.7 5.2
≥ 300 ≥ 200		75.9 75.9		24.5	90 • 1	90.4	?s	74.7 94.9	94.9	95.6 96.1	95.0	95.9 95.4	°5.4 °5.7	94.9	97.2	96•4 97•3
≥ 100 ≥ 0		75.5	• • •		90•2 90•2	90.5	3°1 3°1		95•6 95•7	95.6	96.7	97.2	۲۰۳۶ ۲۰۰۵ ک	99.3		

TOTAL NUMBER OF OBSERVATIONS

34

USAF ETAC NO 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE ORSOLES

DATE PROCESSING THE CHOSAL ELAC DEAT EATHER RERESCRIME

CEILING VERSUS VISIBILITY

34023 Hun 45/70' 5'0CK OFR' A Y

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CENUNG FEET	.						viS	:51W"Y 57.	ATUTE WIL	ES		-				
PEE .	≥10	≥ 6	≥ 5	≥.4	≥3	≥2.	≥ 2	≥1	≥'.	≥ .	<u> </u>	≥ .	≥ :	. ≥5 '5	≥.	≥c
NO CENING 2 20000		37.4	71.6	37.4	34.4	39.7	4.4	_ რ. ც	37.0	7.3 47.1	37.4	37.	1/.2	3^•2	_	>" • [
≥ 18000 ≥ 18000		24.54	35.4	37.7	39.7	3° 9	٤٠.٠	.1.9	42.1	47.4	4200	42.		43.6		3444
≥ '4000 ≥ :7000		35.7	30.+		40.1	4.4	4.7	.2.5	-2.7	43,9		43.7	, <u>, , , , , , , , , , , , , , , , , , </u>	44.	ئو ۽ به به	44.6
≥ 9000 ≥ 9000		27.4	39.7	41.5	44.1	44.3	·	.,,, 5 -3.1.	47.0	47.2	47.2	47.		4 • 3:	•	47.4
≥ 9000 ≥ 7000		47.7	45.3			47.2		20.9	51.1	51.3 52.3	51.4	51.7	52.4		52.5	23.9
≥ 500C ≥ 500C				49.4 5°.Z	51.4	52.2	5 2	55.0	55.2		25.5 25.5	55.74 59.7	ار په ^{و د} لاه د ت ^ه لر	53	59.7	
≥ 4500 ≥ 4000			24	53,3	55.4	37.1	. 3	1	66.3	67.3	46.5	6		62.2	92.5	<u>∪}•∃</u>
≥ 350C ≥ 300C			55.1	57.4 59.1	61.	51.9	45.5	55.6		06 • Z		00.7	12.3 17.3 17.8	0 - 1		22.7
≥ 2500 ≥ 2000			6.5	60.4	64.4	62.3		-,9.7	70.1		70,0	71.1	71.0	72.4	72.7	73.1
≥ 1900 ≥ 1500		1	63.0	65.5		63.5	7 ₄ .0	72.9	73.5	75.9 7c.1	74.	74.5	75.1	75.5	75.4 78.3	
≥ 1000 ≥ 1000		01.9	53.1	67.6	70.7	71.6	7.3	75.3	75.d	77.3	77.4	77.4	76.4	77., 31.5		7€.8
≥ 900 ≥ 900	i	53.6	55.5 67.0	68.3 70.2	72.9		77.9	79.2	79.2	82.3	8C.4	80.9	61.4		52.4 24.3	32.7
≥ 70° ≥ 600	1	54.7	67.4	71.0	75.0		F 6		82.6	33.1 34.7	23.4	€3.7	94.3 95.3	85.3	85.6 57.	33.9
≥ 500			59.7	73.2	78.4	70.3	9 .9	65.3	85.C		27.	a7. ≒	26.1	59.2	89.0	59.7
≥ 300 ≥ 200		36.2	69.0	74.2		8C.7	3 - 4	56.0	83.9	95.1	90.0	91.7	91.6		93.U	93.3
≥ 10C ≥ 0		56.2 56.7	59.8	74.4	80.3	61.3	8:.0	88.8	89.9	91.8	97.4	93.2	94.3	96.1 95.1	37.1	.10. 1

TOTAL NUMBER OF OBSERVATIONS

__<u>5</u>_

USAF ETAC 10-14-5 (OL A) PREMOUS EDITIONS OF THIS FORM ARE DISOLETE

3

1412 FRUELSS133 1.5 1.5 1 1546 El.C 418 LATHER SERVICE/12/

CEILING VERSUS VISIBILITY

1. 1. 1 / 401 SPUCK 5581

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS:

16 J. NG							· 5·5	. " S"4	TUTE MILE	>						
*55" *	≥:\$	≥≎	≥5	≥ 4	≥3	27	≥:	2	≥.•	2	≥ .	≥ ,	≥	≥5 0	≥.	<u>≥</u> c
NO 08 . NO ≥ 22000				31.1 37.L		• .	1000				33.1				24.34 -1.4	-
≥ 5000 ≥ '5000			37.4	37.∄ 38.L	40.2	4 . 2	4.4		-1.5 41.7		%i.3	41.7		47.1 42.3	42.4	4 7 4 4 9 1 4 4
≥ 14000 ≥ 2.00				39.1. 40.1	41.4	41.4				43.Cl 44.7		44.1	19.2	43.4	43.7 45.3	47.7
5 6000 5 .0000			,	43.5		-	4 . 3	- 2 . 4	40.4	45.5		4 . 1	10.7	4 4 2	49.3	· · · · ·
≥ 6300 ≥ 7000		-	;	47.7 49.7		57.5	•				*2.3 24.5		14.7	52.7 54.3	1.6° 1.6°	>?•l, >>•á
≥ 6000 ≥ 5000			-	50.5 52.4	-	52.6 26.8				59.3		_	;	51.3	50.0	>t•4 c•4
≥ 4500 ≥ 4000				53.4 55.4		57.4 57.3	5 .d			- (12.7		ر ا ا ا	53.6	61. 1	ا •ان أ •دُن
≥ 3500 ≥ 3000		- ;		57.q 58.5	- :	-	4	•		64.5	64.0 60.1	64.7	50. d	65.4	65.d 67.4	65.4 67.1
≥ 7500 ≥ 7500			56.A	62.3		65.1		28.3 71.8	55.3	65.5	72.5	63.7	74.7	69.7 72.9	49.0 73.5	73.5
≥ 800 , ≥ '500			_ ,	07.4	65.7 71.4	6°.9	7,,6		72.7 70.0	77.9	73.4	73.1	75.5	77.7	74	74.4 77.4
≥ 200 ≥ 200 ,			の7・世 59・日	09.8 72.3	74.4	74.5 77.8	77.4	78.6	73.7		79.1	79.7	79.0	70.8 83.4	23.7	0 - 11 آ- وز
≥ 900 ≥ 800 ;			70.4 76.9	73.0	70.4	79.4	11.8	63.7	33.1 93.8	33.5 84.1	34.4	83.1	4.7	34.2	24.4 35.4	54.U
≥ 700 ≥ 600		55.1 58.7	71.5	74.3	79.0	3^.1 d:.8	53.4 85.1	56.5	34.8 80.7	85.1 87.2	37.5	87.5	「ソ・7 27・a	8°.9	85.4	.4.4 20.4
≥ 500 · ≥ 400		57.4 69.6	73.1 73.5		84.7	83.6		38.6 30.5			91,7	92.	2.5°	92.5		73.4
≥ 300 ≥ 200		09.4	73.3 23.3	78.4 7ē.5	84.9			71.2 91.8	93.0	93.0 94.0	73.4			94.7 95.0		94.4
≥ 0C ≥ 0		59.5	73.5 73.5	78.d	84.9 84.3		,	91.8 91.8	93.0 93.0	94.1	94.U		95.4	96.3	97.4 27.41	99.7 1.00

TOTAL NUMBER OF OBSERVATIONS .

901

USAF ETAC AN AL 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

112 FR C Solid (xA)C (

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

78 J N G							- S 8	. ** 5°≜	"J"E 4 ,£	\$						
EE *	≥ :	≥¢	≥ 5	≥ 4	≥:	≥:	2:	≥	≥ .	≥	2 .	≥ ,	<u> </u>	≥5 '0	2.	≥.
NO CERING ≥ 20000							2 - 1 4 - 7									
≥ 18000 ≥ 15000		47,7	.6.7	43,3	43.	-3. 3	44.3	44.1	44.1	44.1	.4.	4	4.1	44.1	44.7	44.1
≥ 14000 ≥ 12000		45.4	40.5	47.7	47.3		4 .+	7.5	47.5	47.5	-7.5	q7.	7.5	4-,5	ر. 47.	
≥ 10000 ≥ 9000		7.4	10.0	48.7	49. g	⁴ 3 री	· •+	. 5	-9.5	47.5	4 * 4 *	4 •	<u></u>	>^·5	55.5	<u>.^•·</u>
≥ 8090 ≥ 7000		*^ *#	うしゅう	22.6	52∙⊅	o^.8	. 5 . 7	52.7	>2.7	57	-2.7	53.7	6.7	5?.T	= Z • T	
≥ 6000 ≥ 5000		53.9	33.7	54.3	50.3	25.3	K5:	5.7	55.7	55.7	55.7	57	~>.7	5~. 7.	52.7	۴ و تو
≥ 4500 ≥ 4000		55.4	57.4 00.4	58.4	50. 1 62. d	57.7	5 . 7	;°•5 •2•□	59.5	57.6°	59,5	57.4	, c.	57.5 63.3	59.00 53.00	
≥ 3500 ≥ 3000		51.5	hc.3	03.>	54.	04.7		ું 4 • ઇં	24+3	09	54.1	C4. 4	~ 4 . Y	27.9	:4.	3 * *
≥ 2500 ≥ 2000		73.1	74.5	75.7	70.3	74.6	7 .5	77.2	77.2	77.3	77.5	77.3	77.3	77. 🖫	77.5	· 7
≥ 1800 ≥ 1500				77.7 21.3			7 .1	79.3	79.3 2.د8	32.4	79.÷ _3.∋	79.4	79.0	79.4	79	
≥ 1200 ≥ 1000		€3.2	04.6	86.5	37 · J	87.9	37	<u> 3.9</u>	86.9	67.1	-9.	ê°∙i	1.3		·6.4	
≥ 900 ≥ 800		74.1	85.2	37.₫	89 • 4	80.5	8. C K. 9	<u>-3.8</u>	90.5	9 .a	*C. 7	<u>5</u> ^•2	او ي ت	31.c		
≥ 700 ≥ 500		54.5	36.3	88.5	90.9	91.1	71.0	33.d	93.2	92.5	3.3	93.4	ع در	9 5	^ >•⊃	. i • i
≥ 500 ≥ 400		55.7	<u>ج ۵۰ م</u>	39.4	92.1	92.5	9 .1	75.8	00.3	94.8	F.02	9-, 9	^ <u></u>	97.7	37. j	7
≥ 300 ≥ 200	<u> </u>	J5.3	36.7	89.7	92.8	93.2	9 . 6	5.0	97.3	9: .2	gg.	Ç2.~	- çi	30.1	79.	· ^ • <u>*</u>
≥ 100 ≥ 0		25.3	36.7	89.7	92.3	93.2	9-1	₹5•3	97.3	96.2	95.4	98.4	9.09	90.2	99.4 95.2	7

USAF ETAC STEEL 0-14-5 (QL A) MEMOUS EDITIONS OF THIS FORM ARE DISOLETE

THE PRICESSING THAT TO PERSONAL THE HIR HALLER SERVICEN F

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

1E . NO							• S1	5·. ** \$*±	*.*E v .E	Š						
66	≥ '0	≥ 6	≥ 5	≥ 4	≥ 3	≥:	≥:	≩	≥ .	2	٤.	≥ .	2	25 5	2 •	2.
NO CELNS ≥ 79000						31.3				3'.5			ر. درونا	3 . 5 44 . 3	19.9	٠٠. ١٠٠٤
≥ 600v ≥ 6000	-		39.7	-			-	.5.9	4,.9	4^.9 4'.2	ر ون د	4 • 1		9: 2		4:44
≥ 4000 ≥ 2000						42.7	4 . 1	42.1	42.1	42.1 44.5	÷2.1	43.	-: i. - i. >	_		42.1
≥ '0000 ≥ 9000				•	-	17.5	-			45.4	_		_			
≥ 5000 ≥ 7000			52.9	53.4	53.4	23.9	ت و ، ع	54. j	3 u	51.4	<u>54.j</u>	54. 4	<u>4. ب</u>	2.0	54.1	3.01
2 6000 2 5000		93.5 94.4								54.7 57.6						
≥ 4500 ≥ 4000		34.7		64.5	63.1	٥٥.3	4 .4	.5.4	62.4	57.5	25.4	<u>.05</u>	- 5 . w	35.4	45. ±	, <u>.</u>
≥ 3500 ≥ 3000		15.9	75.4	75.4	75.7	74.7	7.4	75.9	75.9	71,1 75,9	76.9	75.7	73.7	75.2	75.4	16.4
≥ 2500 ≥ 2000						82.9 37.5				87.9 57.6				52.9 67.4		
≥ 1800 ≥ 1500		55.7				57.3 92.6					29.0			57•1 <u>:</u> 97•3		
5 ,00√ 5 ,500			91.5 92.4	1	-1	94.0 94.6				94.4						
≥ 900 ≥ 800 ≥ 800		71.6				94.7				9=.2 9÷.0						
≥ 700 ≥ 600		91.5	12. il	93, % 53.8						95.4 96.8		90.7		91.2 91.3		
≥ 500 ≥ 400	, 	91.6	92.5	94.1	96.4	96,8		37.9	98.1	97.7	28.4	98.4	Sc. 4	9=.4	98.4	
≥ 300 ≥ 200		9:07	93.1 93.1	94.4				48.3		98.9		99.4	75.4		99.4	39.3
≥ 10C ≥ 0			93.1	- 1					3	98.9				2		

TOTAL NUMBER OF OBSERVATIONS

903

USAF ETAC (NA 64 0-14-5 (OL A) memous epitions of this form are desolete

11, 44 0 5 1 3 44 0 (SAH ETHO) 114 EARTH SOLUTION

3

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

£ , ••							ه د ۰	. ** >**	·.^{ • • •	<u> </u>						
	ž :	≥ 5	25	24	٥,	٤:	2:	≥	≥ .	≥	<i>z</i> .	٤,	2	25 0	<i>2</i> •	25
NE E N		. 7	11	3,.4	30	3 . =	. 7		31.0	3:.5	ì.			1.7	11.,1	
23945		1/2	41.4	41.2	46.2	<u> 47.5</u>		42.3	42.00	4.0	*	4		4 3	*4.3	
2 244										44.0				4** 3		_
2 585		<u>-7.7</u>	<u> .3.1</u>	44.1	44.7	46.2	* 1	<u>.5.7</u>	45.3	45.0	<u> 15</u>	<u> </u>	<u>نه و د :</u>	<u> </u>	<u>~>.,,</u>	~ · • ·
2.43										4' . 7						
£ ; ••										* .3						
2 154										5						
2 9/1						36.3				5-4						
2 900 ≥ 100										z · 7						
										67						
2 609 2 370										34,5						. • • [*]
						3/.)	بفعي		50.4	<u>5-2</u>	<u> جوعت</u>	<u> </u>		3 . 4	<u> </u>	***
2 402 2 402										7: .4						
										77.7						
2 05% 2 880										32.5						
										 6.						
2 3A 2 70				-	-	≎°•6				31.5						
										92.9						
≥ 800 4 5.5										94.8						
										95.5						
		7 1 ± 6	71.3	92.7	79.4	45 5	9	730 M	77.3	94.2	37.7	73.7	"J.J.	72 • 19 0 = 34	2.4	97•×
2 300			33.1	93.	35.3	- 	7.8	55.2	90.3	94.3	70 64 70 d	94. 4	7.20 4	# . Z	CA. 4	
≩ 300										57.1						
2 3										97.4						
2 90		91.3	3.4	94 N	90.7	45.6	67.4	77.5	97.6	47.6	97.6	7.4	7.6	97.4	97.	-7.3
2 900	· · · · · · · · · · · · · · · · · · ·	71.3	74.0	94.5	97.4	97.3	9,9	98.4	95.5	97.5	75.3	92.4	95	72.3	98.5	7:03
≥ 400		. y 1 . 3	93.3	95.1	97.3	97.4	2	22.7	75.9	99.9	93.3	92.2	20.0	90.7	99.	9.7
2 300	<u> </u>	71.3	43.4	95.1	97.3	97.9	7, 6	99.Z	95.3	97.3	39.3	99.3	39.4	99.4	99.4	}♀.¥
≥ 3%										99.7						
_ x		91.7	73.2	95.1	97.5	97.3	Ω .a	39.₹	99.7	90.5	29.9	99,3	~ <i>u</i>	100.0	100.u	177.1
≥ ≎		91.3														

TOTAL NUMBER OF OBSERVATIONS

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USAF ETAC 200 0-14-5 (OL A) nevous ismoss or tred law us dispare

3

WATA PROCESSING RRAINS USAF EIGC AIR LEATHER SERVICEMEN

CEILING VERSUS VISIBILITY

14055

HAF, AT / HUTSRUCK GARMATY

3-77

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1100-2000

CEILING		<u>,</u>					1.5	S/*Y STA	"JTE MILE	:\$						
FEET :	≥10	≥6	≥5	≥ 4	≥3	≥2 :	≥2	21 -	≥1.	≥.	≥ ′₄	≥`,	≥ :	≥5 '6	≥ . ;	≥0
NO CFILING : ≥ 20000		7.7 1.44		35.6 46.5	30 · :	30.1. 47.3	¥ . • 0	35.1; -,7.8	35.1 47.8	-1	26.1 47.0	35.1 47.1		35.1 47.3		
≥ 18000 ≥ :6000		49.4	J- J -	49.0	49.0 50.4	40.9 50.4	5 . 7	<u>►</u> 1.9		50.3 50.9	50.4	50.3 50.	50.3		50.1	5.0
≥ 14000 ≥ 12000		>^・な <u>52・2</u>	52.4		51.7 54.1	51.7 54.1	5ú 53	14.5		54.6	52.2 54.0	52.7 54.5	F2.4	54.5	54.9	5-01
≥ 10000	 -	55.7 57.9	58.1	56.6	57.0	57.6 67.0	7 · 9	30.5	50.5	55.1 60.5		59.1 63.5		5^.3	58.1 50.3	56.5
≥ 50M ≥ 70W		0].7 53.7	52.1 65.4	62.8	67.7	64.0 67.7	5a <u>5a</u>	÷+.5 36.2	55.7	64.5 68.7	04.5 58.7	64.5 63.7	۴4.۶ ۲۰۰ <u>۵</u>	<u>50.2</u>	20.2	011.02
≥ 6000 ≥ 5000		59.9	66.7 70.4		59.2 73.1	73.1	5 • 5 7 • 9	.9.7 23.6	59.7 73.6	59.7 73.6		73.4	49.7 73.0		73,0	73.5
≥ 4500 ≥ 4000		72.5	73.5		75.9 80.0	75.3 80.3	- 5		70.6 80.9	76.6 80.9	76.4	76.4	"0.0 <u>~il</u>	51.2	76.0	<u> 104</u>
≥ 3500 ≥ 3000		78.7 30.5	79.5 81.4		82.7 85.1	85.1	2.00	\$3.4 :5.8	7.68 5.68	83.7 62	83.7	83.0	23.¢ 20.2	<u>ರ೨.5</u>	83.∀ 80.5	36.5
≥ 2500 ≥ 2000 ≥ 1800		52.0	83.3	87.0	87.1 89.1	87.1	87.8	88.0 90.2	88.5	90.8			₹8.5 76.5		89.4 91.1	
≥ 1500 ≥ 1200		53.7 85.3		87.5 69.3	91.7 93.0	91.7	95	90.9	91.4 93.6 94.9	91.5 93.7 95.0	91.5	91.6 93.5	۶۱.4 ځ.ن ^۲ ۲.۵ ^ټ	91.8 94.1 95.4	91.0 94.1 95.4	
≥ 1000		36.5 86.5	37.9 33.3	91.1	93.0	93.6	90	94.4	95.5	95.6	95.5	95.7	95.7	95.0 96.0	95.0	95 • U
≥ 900 ≥ 800 ≥ 700		36.6	38.8 88.4	91.7	94.7	93.6	94.5	95.0 95.7 26.2	96.3	96.4 97.0	26.4	96.4	97.2	. 1	96.3	70.0
≥ 600		86.5	58.6 88.6	- 1	94.8	94.8	95.0	96.4	97.0 98.0	97.3	97.3	97.4	97.4	97.0	97.a	97.0
≥ 500 ≥ 400 ≥ 300	-	86.6 86.6		92.3	95.4	95.4 95.4	95.8	- 1	98.0	98.6		98.7	90.3	95.5	98.3	
≥ 200		86.6	88.8	92.3	95.4	95.4	97.0	37.0	98.0		98.9	99.1	99.1		99.5	99.3
≥ 100 ≥ 0		36.6	5.68 5.83	92.3		95.4 95.4	97.2	97.8 97.8	98.7 98.7	99.1		1	79.3 79.3		-	100.0

TOTAL NUMBER OF OBSERVATIONS_

<u> 845</u>

USAF ETAC 101.64 0-14-5 (OL.A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLE

DATA PRICESSING FRANCH USAF LIAC AIR EATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34055 4.144 A3/HU'SPUCK LEK -- 1

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-230

CEIL NG				_			ViSI	BILITY STA	*J*E MILE	\$						
FEE*	≥10	≥6	≥3 ,	≥ 1	≥3	≥2 -	27	≥::	≥`.	≥1	≥ -4	≥ ,	≥ ; ,	≥5 16	≥ .	≥0
NO CERING ≥ 20000		47.3	44.4 51.4		40	44.2 52.7		.5.7 24.4	40.71 54.4		54.7	47. j	4/.u		47.3 54.1	
5 ,900c 5 ,800C		ე^. P 51. 3	52.7	· .	54.u	56.8 55.2	50.7		55.7	56.C	50 e s	56. i	٠٥. تا توريا		50.4	
≥ 14000 ≥ 12000		21.5 53.5	53.J	53.3 55.3	55.2	55.4 57.4		56.3 58.3	50.3 58.5		50.0	50. Y		ენ∙6 5~-6		
> 4600 > 7000		57.9	58.4 59.4	59.5	60.5 62.2	51.7 52.4	51.8 5.2	-1.d 53.2	51.3 53.2	52.2 03.6	^2.2 ^3.0	¢2.2	الله و ۴	62.5	52.2 63.6	
≥ 8000 ≥ 7000		61.4	63.J		50.4	55.6 67.0	,		50.4 57.5	6n.8 68.2	66.8 48.2	66.3 63.7		56.8 68.2		ეღ∙് ა [€] • c
≥ 6000 ≥ 5000		03.5	55.J	1.36 59.3	67 - 4 70 - c	67.6 71.7		-	58.4 7].9	68.8 72.2	58.0 72.2	53.° 72.°	50,6 72,≧	58.8 7∠.2		72.7
≥ 450° ≥ 4000	······································	68.9 72.2	70 • 4 73 • 9	71.5 75.2	73.0 77.2	72.3 77.4	7 . 3		74.2	74.6 70.0	74.6	74.4 79.	74.5 79.0	74.6	74.0	
≥ 3500 ≥ 300C		75.8	75.4 77.5	76.7 79.5	78.7	79.0	٦٠.5	20.1 _3.7	80.1 93.7	54.0	94.0	80.5 84.↑	د ۵۰۵ د <u>د د د</u>	34.0	34.5	ر و ر ر ر و <u>د ر</u>
≥ 2500 ≥ 2000		77.1	79.3 30.1	81.3 82.3	84 • d 85 • 5	84.3 85.6	89		35.6 87.2	86.2 87.6	26.2	85.2 87.4	47.0		37.0	
≥ 1800 ≥ 1500		77.9	80.3 81.0	82.5 83.9	85.0	85.7	82.7	37.4 39.0	87.4	87.7	87.7 59.4	87.7 89.4		87.7 87.4	99.4	
≥ 1200 ≥ 1000		79.0 80.1	82.9	85.3 85.9	89.5	89.1	91.4	91.3	91.0 91.7	91.4 92.1	92.1	91.4	31.4 32.1	91.4 92.1	91.4 92.1	91.4
; ≥ 900 ≥ 800		გე.3 გ[•]	33.0 53.8	86.1 87.1	89.6 90.8	91.0	92.7	91.5 93.0	91.8	92.2 93.4		72.2 93.4	°2.2	92•2 93•4		
≥ 700 ≥ 600		81.9	84.5	88.4	91.6 92.7	92.1 92.9			94.2 95.0	94.6 95.4	94.6	94.6 95.4	۰, پ	94.5	35.4	25.4
≥ 500 ≥ 400		07.5	85.2 35.3	89.1	93.5	93.7 94.0			96.3	96.7 97.0	96.7 97.0	95.7 97.0	°7.0	95.7 97.0	95.7 97.3	96.7
≥ 300 ≥ 200		82.7	85.5	89.Z	94.2	94.4	90.8	97.0 97.4	97.2 97.6	97.5 92.0	97.5	93.7	95.0	97.5 98.2	98.2	
≥ 100		82.7	85.5 85.5	89.2 89.2	94.2	94.4	1	97.4	97.0 97.0	98.2 98.3	98.5 98.c	98.5 98.6	°d.7 7d.b	99.2	,	29.0 100.0

DTAL NUMBER OF OBSERVATIONS _______84

USAF ETAC JULIO 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE DISOLE

MATA PROCES INC HARCH JUAN CTAC NIR EATTHER SERVICE/ MC

CEILING VERSUS VISIBILITY

34055 HANG AR / HOUSE GERT ATY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CELING						-	√IS:	Bitity STA	LTUTE MILI	ES						
eee"	≥10	≥6	≥5	≥ 4	≥3	≥2:	≥ 2	≥;	≥1.	≥,	≥.	≥`,	≥ 7	≥ 5 16 '	≥.	≥0
NO CE UNG ≥ 20000		37.4		34.9 42.9	32.4	35.9 44.1	3 ,4 44,4	27•6 44.9	30.0 45.0	36.7	3¢•√	35.7	ن د د د د د	37.07	37.1	1
00081 ≤		42.7	43.i.	43.5	42.1	45.2	4.7	40.0	45.0 45.4	46.1	•6• <u> </u>	99.7 45.7	40.3 45.7		45.5	40.00 to
≥ 14000 ≥ 12000		45.4	44.4	45.2	40.4	45.5 45.5	47.d	.7.3	47.4	47.5 49.5	47.5 49.5	47.5	47.0	47.7 49.3	49.7	1
≥ °0000		43,7	49.1	50,0 51.4	51., 52.7	51.4 52.8	ैं.• प 5 • प	52.3 53.5	52.3 5.6	52.5 24.0	52.xi 54.u	52.° 54.°	42.0	57.7 54.7	52.0	22.7 54.5
≥ 8000 ≥ 7060		52.9 24.9	53.0 55.0	54.5 56.8	55.	56.9 58.4	5-7	۰۳.۵ 9.4	57.q 59.4		*7.4 59.0	57.7 59.7	57.3 51.7	57.4 29.8	57.5 59.9	7.6 نامون
≥ 000 ≥ 5000		55.7 59.4	56.4 59.7	57.9	59.4 52.6	50.5	^ .4	54.0	54.0	06.6	≎C.d ≎4.d	64.9	^1.C	61 • 1 64 • 5	51.4 54.5	51.4 54.7
· ≥ 4500 · ≥ 4000		64.5	51.5 55.4	66.5	54.5 68.0	64.7	4 q	0.65 73.3	70.4	55.2 70.6	56.2 70.5	66.3 70.7	50.4 70.6	70.7	όό.α 71.J	05• 1 71•1
≥ 3500 ≥ 3000	<u>. </u>	69.1	67.9 70.0	59.4	71.4	71.6 74.5	7.7	73.2	73.3 75.3		73.5 76.a	73.5	73.7	73.9 77.0	74., 77.1	74 • () 77 • 1
≥ 2500 ≥ 2000		71.7 71.9	73.5 75.5	75.2 77.8	77.4 80.7	77.6 83.4	79	79.5	79.6 32.5	87.7	79.9 32.7	80.1 82.9	0.1° ن.د°	80 - Z 83 - 1	30.4 53.2	= 3.7
: ≥ 1800 ≥ 1500		74.6	75.q 78.d	78.5	ا. 81 د • د 8	81.2 83.4	82.6	33.2 25.5	83.3		33.d 6.3°	83.7 86.4	83.8 86.5	84.0 86.7	84.1 86.3	34.1 05.≅
≥ 1200 ≥ 1000		7º.7	80.5 31.4	82.6	85.5 86.7	85.7 86.9	57.2 23.5	ይ7•9 89•2	88.0 89.4		39.7	88.4 89.°	98.4 PG.9	85.7 90.1	38.d	38.9 90.2
≥ 900 ≥ 800		79.2	81.5 82.2	33.9	87. 82.1	87.3 E.88	95.9 93.0	39.6 90.6	89.8 90.8	91.1	90.1 91.2	90.2 91.3	90.3	90.5	90.0	90.6 31.7
≥ 700 ≥ 600		50.4	82.0 83.0	85.8	86.6 89.4	88.9 89.7	9:.0 9:.5	91.3	91.6 92.6	92.9	93.0	92.1 93.1	92.1 93.2	92.3	92.4	92•5 ₹3•5
≥ 500 ≥ 400		57.9 81.0	83.5 53.7	86.d	90.4 91.0	90.8 91.4	95.0 95.7	93.8	94.1 95.1	94.5 95.6	94.0	95.9	94.8	95 • q 96 • 1	95.1 96.3	95•2 95•3
≥ 300 ≥ 200	_	51.1 51.1	83.8	87.1 87.2	91.4 91.5	91.7 91.8	94.3	95.3 95.6	95.8 96.2	96.9	96.4 97.1	96.6 97.4	96.7	97.0 97.9	97.1 98.1	97•1 98•2
≥ 100 ≥ 0		31.1	83.8 83.8	87.2 87.2	91.5	91.8	94.5	95.4	96•3 96•3		97.3 97.4	97.4	98.0 98.0	98 • 6 98 • 6	99.0 99.1	99.6 100.0

TOTAL NUMBER OF OBSERVATIONS

7030

USAF ETAC FILE O-14-5 (OL A) MEVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

BATH PROCESSING TRANSH USAF ETHO AIR REATHOR SERVICE/THO

CEILING VERSUS VISIBILITY

34022 HIHL A7/4 " SPJCK WENT !

2-~ > , 7 ; - <u>77</u>

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

702 - 1. 3c

CE. NG	,						¥ Si£	BILITY STA	TUTE WILE	5						
ter.	≥10	≥6	≥5	≥4	≥3	≥2 :	≥2	21:	≥!.	≥1	≥.;	≥`.	≥ -	≥5 16	≥.	≥0
NO CEIENG ≥ 20000		47.7			47.d 52.J	47.9			46.3 53.7		98.c.	4	4 8 . 3 5 . 1	47.4	49 53.0	
≥ ¹8000 ≥ 6000		47.0 47.4	49.4 49.3	- 1	52.2 52.5	. 1	5:.0	23.2	52.2 53.6	53.6		53.7	اد . و ۴ 7 . ر ۴	54.2	53.J 54.2	24. A 2
≥ '4000 ≥ '2000		47.0	50.2	51.5	53.1		5 .d	25.1	54.1		54.1		54.2 55.2	54.7	54.7 55.7	-
5 6000 5 ,0000		51.0 52.3	•	54.5 55.9	56.4 57.4	. 1	-	57.4 58.8	57.4 58.8	_ 1			57.7 53.0	55.1	59.5 59.5	>2° ≥
≥ 8000 ≥ 7000		54.9 53.7		58.5 59.4	60.9 51.7	_ !	6.7		52.0		62.1		-2.2 -3.1	67.7	62.7 52.5	
≥ 6000 ≥ 5000		54.7 5°.4		60.J	62.j	57.3 65.1	- 1	03.5 06.2	63.5 56.2	03.5		63.4	65.7 60.4			.7.
≥ 4500 ≥ 4000		58.5 62.1	51.7 55.4	65.7		05.6 07.1	13.4 7.4	55.7 70.2	66.7 70.2	06.7 70.2			10.7 70.7	al	67.4 71.9	71.1
≥ 3500 ≥ 3000		66.4	69.7	08.3 71.9	;	71.0	71.9		72.1 76	72.1 76.0	72.4	72.2	72.3 70.3		72.3 76.3	
≥ 2500 ≥ 2000		67.3 . 56.3	70.7 73.3	1		76.9 78.9	7 . 9	77.3 30.1	_	7.3	77.4 30.2	77.4 80.7	12.4		75.0 90.9	
≥ `800 ≥ `500		70.0 71.1		75.4 78.1		79.9		£3.0	5 L 83 d	81.1 83.0		81.2	91.4	81.9 82.7	31.9 93.7	32.0 32.4
≥ 1200 ≥ 1000		71.5				83.0 84.0	5-1 3-1	34.3 85.3	84.3 85.3	84.3 85.3	25.4	84.4 85.4	1		85.1	35.2 _5.2
≥ 900 ≥ 800		72.6 73.1	77.3 77.5	90.6 81.4		94.5 85.7		36.2 37.2	80.2 87.3	87.3	87.4	86.3 37.4		88.0	30.7 38.0	
≥ 700 ≥ 600		73.5	78.0	82.5	87.9	85.5 87.9	39.6	88.1 90.1	90.2	88.3 90.2	90.4	58.4 97.4			89.0 91.0	71.1
≥ 500 ≥ 400		74.2	79.3	$\overline{}$	-1	89.0 89.5			92.2	92.2	°2.3 °3.7	92•3 93•7	93.5			94.4
≥ 300 ≥ 200		74.3	79.4	33.8		90.0 90.1	92.7 93.1	94.1 94.8	94.2 95.1	94.9	96.3	95.6 96.5			98.3	79.4
≥ ¹00 ≥ 0		74.3	, 1		_	90.1 90.1		94.8	95.2 95.2	96.0 96.0		96.9 95.3	97.4 97.4			100.0

TOTAL NUMBER OF OBSERVATIONS_

213

USAF ETAC 101 04 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE DESCLE

PATA PROCESSING TRANSF USAF BIAC AIR EATHER SERVICE/MAR

CEILING VERSUS VISIBILITY

34035 High, AC/FU'SOU

\$ -- > :

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1100

CEL NG							VIS	181615.4 2.7	TUTE MIL	ES .						!
	≥10	≥0	≥ 5	≥4	≥3	≥2 7	≥2	≥1;	≥, ,	≥1	≥ -₄	≥ '*	_ ≥ -	≥5 16	≥ .	≥0
NO CENING ≥ 20000		35.3 38.7	30.2 40.1		39.4		4 . 9		40.8	41.3 45.2			44.4 45.4			
2,900€		39.0 39.4	40.4		43.5	43.3	**.3	44.7		45.7			45.9	45.0	40.3	45.7
≥ '4000 ≥ '2000		4^.2 41.0	41.4		44.3	44.4	4 4	45.3			46.7	46.3	47.1		47.5	47.9
5 6000 5 ,6000		42.4		46.7 48.5		48.3 50.1	4 .9	E.0<	50.5 52.3		51.3 53.1	51.7	21.2	51.7	51.	22.4
≥ 9000 ≥ 7000		45.1		51.7	53.4	53.3 54.5	55.4	55.S 57.0	55.9 57.1	55.7	50.7		57.J	57.0	57.3	28.0
≥ 600C ≥ 500C		49.5	51.1	53.3	55.	55.3 57.5	5 . 1	57.8 27.0	57.9	55.7	58.7 58.7	57.4 58.7	1.5.2 1.5.3	- i i i	59.4 59.4	60+9
≥ 4500 ≥ 4000		21.0 54.5	53.9	56.3	58.)	59.3	62	61.9	50.2	61.9	51.9	01.5	<u>-1.2</u>		62.5	03.4
≥ 3506 ≥ 3000	-	55.1 57.7	57.4		61.9	07.Z	60	<u>3.9</u> رون	55.1	65.9	65.2	65.9	50.1	00.2	66.5	- 1
≥ 250C ≥ 200C		5°.7	60.3	63.2	65.4	66.Z	7 .9	09.1	59.2	70.0	58.4 70.4	70.1	70.2	70.3	59.3 7∪.3	72.1
≥ '800 ≥ '500		57.3	52.7	65.8 67.3	68.7	69.2	7,.0	72.5	72.0	72.7	72.7	72.7	72.9	73.1	73.3	74.4
≥ 1290 ≥ 1000		02.7	65.3 67.d	68.5 70.9	71.0	72.0	74.1	74.Q	75.9	75.q 76.q	75.u	75.7	75.2	75.3	75.3	76 • 7
≥ 900 ≥ 800		c*.1	58.2 68.4	71.5	74.5 75.0	74.5 75.1 75.7	77.7	78.8	79.0	80.3	80.3	79.7 80.3	°C.d	80.7	81.3	52.4
≥ 700 ≥ 600		35.9	58.9	72.4	75.9	75.7 78.7	74.7		79.8 81.4	82.9	31.1	62.9	23.2	83.3	83.9	34.7
≥ 500 ≥ 400		67.0	70.4	74.4	78.9	79.9	34.5	85.5	37.4	89.0	86.2	89.7		89.7	90.3	91.1
≥ 300 ≥ 200		57.1	70.7	74.7	79.1		84.6	88.2	87.8	91.3	59.5 91.5	92.4	93.0	91.1	94.3	92.4
≥ 100 ≥ 0		57.1	70.7	74.7	79.1		8>.7 8>.7	38.5	39.5		92.5	93.0	94.3	95.4	96.4	37.4 99.7
<u> </u>	1	57.1	70.7	74.1	79.1	80.4	25.7	59.3	89 . 5	91.8	92.5	93.2	94.4	95.5	97.11	n.J

TOTAL NUMBER OF OBSERVATIONS.

870

USAF ETAC DU 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE CHICAGO

DATA PROCESSING PRANCHUSAN ETAC AIR SEATHER SERVICE/FAC

CEILING VERSUS VISIBILITY

34055 HAME AT / TO STOCK UEF TENY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1577 JC

CEILING							V·51	BILITY STA	UTE MILE	s						1
:EE.	≥10	≥6	≥5	≥4	≥3	≥2 =	≥2	≥1.	≥: .	≥1	٤.	≥'₄	≥.	בי כ≤	≥ -	≥0
NO CEIUNG ≥ 20000	·	۶۰۵ء ۱۰۰۹ء		35.7		3 (i 4-7 . 5	J	.7.a	- 1	ئە. د ، د د د د	1	3. • . 4. • .	**.i	33.7 44.1	30.4	- ;
≥ 3000 ≥ 5000		3 · 4 3 · • 7		. 1	43.1	43•2 42•4		-4.8 -4.8	44.5	46.8 45.9	- 1	44.5 45.3	اد . م ان . د	44.9 55.0	44.3 45.3	1
≥ 14000 ≥ 12000		4°,1		42.6	43.7	43.9	44.5		45.3	45.7 47.7	(45.7 47.7	35.7 37.7	45.7		45.
0000 ≤		44.7		46.5 47.7	40.5	45.7 56.1	· .3	49.5	50.1 51.4	37.6 52.3	30.0 52.5	50.7 52.7	د. د.د		50.5 52.4	۴۰۰۰ر <u>ا د <i>ت</i>ز</u>
≥ 3000 ≥ 7000		49.7		51.4 52.5	53.; 55.¿	53.3 55.3	3 . 9 5 . u	54.5 -6.6	54.7 50.9		<u> 57.7</u>	55.4 57.7			_ : :	
≥ 5000 ≥ 5000	: :	> 2 • 7 > 1 • 7			55.7 57.6	55.8 57.7	5 5 5 4		57.4 59.3	5# • 2 60 • 1	58.2 60.1	55.2 60.1	ء د ^د المار -	5^.2 00.1	5d.2 50.1	52.4
≥ 450C ≥ 400C		57.7 53.1		55.75 57.8	50 · z	52.3 c^.1	5 .0	59.5 cl.5	:	00.7 62.7	46.7 52.7	υ`• ³ 57• 3	િઇ.ઇ 'ટુ.ધ		50.5 52.7	51.3 53.1
≥ 3500 ≥ 3000	1	54.7 25.9			61.4 63.1	61.5	4. 2	62.9 34.5		64.1 65.9	54.1 55.9	64 • 1 65 • 1	54.2 5.1	54.7 55.1	54.4 55.1	
≥ 2500 ≥ 2000	-	57.5 59.4	50.1 51.1	62.3 53.4		65.4 64.5	55.4	05.9 08.0		69.4	68.4 69.4	65.1	-8.3 -9.3		56.3 59.3	
≥ 1900 ≥ 1500		57.4	52.1 64.7	i	- 1	67.4 70.2	71.4	09.1 72.1	69.7 72.7	73.5	70・2 73・2	70.4 73.4	70.0	70.6 73.6		70.7
≥ '200		54.5	1		72.1	72.2 74.9	7.5	74.4 77.3	75.0 77.6	75.8 75.5	75,8 78.c	75.° 73.7	75.9			76 • 1 79 • 1
. ≥ 900 ≥ 800		05.4	58.9 70.2	72.0 73.4	75∙ê 77∙∌	76.0 77.5	77.3	78.2 79.9	78.7 82.5	. 1	79.d		79,9 6 ₁ .7		79.9 31.7	3/·· i
≥ 700 ≥ 600		27.1	70.9 72.4	74.3 76.2	78.5 86.3	78.9 31.1	35 34.1	61.4	92.1 85.3	86.3	33.2 36.4	83.3 50.5	93.3 86.2	ī	83.3 20.5	33.7 at.7
≥ 500 ≥ 400		5°.1	7	77.5	82.5 83.3	82.9	57.7 67.1	58.0 89.5	88.9 95.9	89,5 92.1		90.4	92.7		90.5 92.5	95.7
≥ 300 ≥ 200		59.4		77.9 77.9	83.5 83.5	84.0 84.0	87.7 85.0		91.9 92.9	93.1 94.4		94.3		94.7	,	95.7 77.7
≥ i∞ ≥ 0		59.4 69.4		77.9 77.9	:	1	85.Q	1	- 1	94.7	- 1	96.5	97.0 97.3	97.5 97.5	97.9	- 1

TOTAL NUMBER OF OBSERVATIONS 375

USAF ETAC JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE DESCRE

MAIN FRICESSING PRAICH USAF ETAC AIR EATHER SERVICE/FUR

CEILING VERSUS VISIBILITY

3405= Hall, A2/HU- 52 JCK OFKF - 54

3-7

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

~7~J=11c

CELNG							٠.٤	BILITY STA	NTUTE + J	ES.	-					
	≥ ∙C	. ≥5	≥ 5	≥4	≥3 ;	≥2:	≥2	≥):	≥	2	≥	≥ %	≥ :	≥5 6	≥.	
NO CELNG ≥ 20000		ي^.a 27.4	31.1		32.1	-		-2.4	32.8 39.7	31.9 39.8		32.7				ن د و زو
≥ 5000 ≥ 5000		7.7 2.2ء	30.9 39.4	39.4				-0.1	40.1		٠٥٠٤	47.07	4	41.2	40.2	·^ • Z
≥ 1400C ≥ 1200C		; ,a	40.4	40.5	40.9		4:.3	-1.3	41.3	41.4	41.4	4].	11.4	41.4	41.4	41.0
2000° ≤		42.7	43.9 43.4	44.5	45.L	45.1	. 5	45.3 .7.3	47.3	45.7	43.7		45.7	45.7 47.4	45.7	45.7
≥ 8000 ≥ 7000		47.3 40.7		49.4 51.4	50.∄	30.5	5 . 4	21.4 23.1	51.4	31.5	K.18	51.5	11.5	51.5	51.5	21.03
≥ 5000 ≥ 5000		51.4	21.0 53.J	52.2	53.1		5 7	53.7 55.0	53.7		53.0 55.7	. 3.] 	53.4 53.7	53.3	53.8 53.8 55.7	
≥ 4500 ≥ 4000		50.4	53.4 57.0	54.3 58.d			5:04	25.4	55.4 60.2	55.5	56.3°	56.7		56.5	56.2	200-
≥ 3590 ≥ 3000		57.1	58.4 55.3	59.9 66.9	51.5	61.1		52.1	62.1	62.2	52.4	62.7		67.2 67.2	52.2 59.2	
≥ 250C ≥ 200C		00.9 72.9	7G.1	71.7	72.8		7.04	74.0 75.5	74.g	74.1	74.1	74.1	7.1	74.1	74.1 76.7	74.1
≥ 80C ≥ 3500		74.7		77.3	78.4 82.9	7°.7		79.8	79.3	79.9	79.9	79.q	79.9	79.9		79.9
≥ :290 ≥ 1900		79.1 79.7		83.3	84.9	85.3	£ 7.0	63.6	87.0 88.6	87.1 85.7	87.1	87.:	97.1 98.7	87.1	87.1	ن 7 •١
≥ 90C ≥ 80C		79.9 80.3	32.2 32.6	0.88	86.9	87.2	33.0 9.1	39.2	89.2	\$9.3 93.3	89.3 90.3	89.3 93.3	99.3	39.3 39.3	59.3 59.3	39.3
≥ 700 ≥ 500		80.5 80.8	83.1	85.5 87.2	89.c	90.0		92.0	92.0 93.3	92.1	92.1	94.1	72.1	97.1	92.1	92.1
≥ 500 ≥ 400		51.L 81.1	83.9	88.1	92.0 92.1	92.5	94.6	95.1	95.1 96.0	95.3	95.3 76.2	95.3	³ 5.3	95.3	95.3	75.3
≥ 300 ≥ 200		81.2 51.2	84.0 84.0	•	92.5	93.0	90.7	97.5	97.7 97.9	97.9	98.1	98.1	98.3		98.4	98.4 97.5
≥ 00 ≥ 0		31.2	84.0 84.0	86.2	92•5 92•5	93.0 93.0	95.8	97.8	98.2 98.2	98.7 98.7	99.0	99.1	79.3	99.7	99.0	100-0

TOTAL NUMBER OF OBSERVATIONS

<u>875</u>

USAF ETAC AT 64 0-14-5 (QL A) MERIOUS EDITIONS OF THIS FORM ARE OBSOLET

LATA PRICESULING TRAICH USAN ETHE AIR REATHLE SERVICE/MED

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS:

120,-160.

IE NO							₽,S:E	H, TY STA	TUTE MILE	5						
tet.	. ≯.¢	≥0	≥5	≥ 4	≥3	≥2 >	≥2	≥1 :	≥'•;	₹,	≥ .	≥ .	≥ : .	≥ 5 °e	≥ .	≥0
NO CEN/NG ≥ 20000		20.1	29.1. 34.7	29.7	29.7 35.8	27.7	7 5	35.5		22.7 35.5	29.7 35.5	29.4 35.3	79.7	20.7 35.5	29.7 35.5	-
≥ 3000 ≥ 5000		35.7	35.4 35.a	36.9 36.4	36.0	30. Y	રછ રસ	25.0 37.4	30.4	34.0 35.4	36.4	35.9	°0.∂	35.9 35.4	30.J	37.04
≥ 400C ≥ 200C		34.5 3°.5	36.d 36.%	37.3	37.	37.3	₹. ? 	3.9	37.3i 30.9		37.4	37.3	17.4 1	37.3 35.9	37.3 30.7	لا • 7 ق الا • و ز
≥ '0000			40.3	42.2	41.2	41.2	÷2	-1.2	41.2	41.2	*1 42.4	41.7	41.2	41.2	42.2 42.2	17.4
≥ \$000 ≥ 7000			44.7 47.0	45.7	45.4	45.9	• : • G	43.6	45.6 48.6	45,8 48,6	+5.3 40.6	45.5	45.5	45.6	45.0	45.4 +3.7
≥ 5000 ≥ 5000			48.7. 52.4		49 • د 5 • ت	44.8 53.7	. a	49.6	49.팃 53.명	49.8 53.8	49.5	49.3 53.9	49.5	49.8 53.7	49.5 7.63	٠٠٠٠ ٠٠٠٠
≥ 4500 ≥ 4000		24.7 51.2	55.4 51.3	56.3 62.9	50.0 63.7	5c.6 63.2	50	7•ور 4•ۋ،	50.7 33.4	54.7j 63.4i	50.0 43.7	53.5	50.0 50.5	59 53.5	۶٥.۵ د ونځ	24. V
≥ 300C ≥ 350C		65.4 74.9	50.0 75.9	- 1	68 • 년 77 • 역	·	7	53.3 78.0	63.3 78.0	68.3 79.0	48.4 78.1	28.4 75.1	78.4	6 . 4 7 = - 1	58.4 78.1	70-1
≥ 2500 ≥ 2000		75.7 32.0	80.1 63.7	85.4	82.8 85.3	82.8 85.8	ે. •કો <u>ૄે. •</u> 3	:2.9 35.4	52.9 50.4	87.9 85.4	÷3i 86.5€	33.7 25.5	0.2° د.د°	83.9 86.5	83.d 55.5	4٠٥٤ <u>د ه ع</u>
≥ '80C ≥ .500	l <u>- </u>	53-1. 35-2	54.4 36.4	36.7	87.0 90.3	87.5 92.3	° 7.5	27.7 ≩0.4	37.7 90.4	87.7 90.4	7C.2	87.5 90.5	77.6 50.5	37.8 37.5	87.8 90.5	87.4 30.5
≥ 20C ≥ 000		25.3 25.4	87.7 58.2	90.3	92.2	92.2 93.2	9:.0	72.8 73.8	92.8	92.8 93.8	92.9	92.9	92.9 93.9	92.9	92.9	13.3
≥ 900 ≥ 800		64.6 87.2	58.4 8.3	91.4	93.3	94.4	93.7	93.9	93.9	95.2	24.1 95.3	94.1	95.3	94 • 1 95 • 3	94.1	94 · 1
≥ 700 ≥ 500		57.7 67.9	89.5	92.8	94.7 95.8		95.4	97.0	95.7 97.0	95.7 97.0	97.i	95.2	97.1	97.1	97.1	95.4 97.1
≥ 500 ≥ 400		68.7	59.7 89.8	93.4	96.5 96.8	96.5	97.6	98.2	98.6	98.2	98.7	98.7	98.3 98.7	98.3		₹•3€ 7•6€
≥ 30C ≥ 200		88.1 88.1	90.0 90.0	93.3	97.1 97.1	97.1 97.1	9d.3	59.0	99.1 99.1	99.4	99.7	99.5	79.5	99•5 <u>.</u>	99.0	99.5
≥ :06		83.1	90.0 90.0	93.3	97.) 97.)	97.1 97.1	95.3 95.3	99.0	99.1	99.5 99.5	99.7	99.8	99.6	90.원 52.원	99.0	1

TOTAL NUMBER OF OBSEP' ATIONS 876

USAF ETAC ALS 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE ORSOLE

141, PR.C-Sylma 144 FH 541 24 CLUC 418 41458 Septicitive

CEILING VERSUS VISIBILITY

34053 HUM. 47/45 SPUCK DERPLY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

€E. NG							vis i	. TY 5TA	:_"E WILE	S						
FEE.	≥ '0	≥6	≥\$	≥4	≥3	≥2 .	≥?	≥ :	≥:.	≥'	≥ -4	≥ ,	∠ -	≥5 'a	≥.	20
NO C5 LNG ≥ 20000		37.3 1.5-	32.3 •1•¤		32.4 41.9	37.4	3 . a 4 . g	22.α 1.9	32.6 41.9	33.7	42.7	33.4 42.1	32.7	37.7	14.7, 42.J	۶۰۰ <i>۴</i> 1 و جو
≥ '500C ≥ '500C		47.5	₩2.¤	42,4 43,5	43.1	42.7	4:01	.3.0 .2.7	43.d	41.8	43.1, 43.5	43.1, 43.1	43.1	43.1 43.3	43.1 4.0.1	-3•1 -2•4
≥ 14000 ≥ 12000		+3.7 +5.5	45.7	44.9	44.1	44.1 44.0	4.9	44.1	44.1	44.3	40.1	44.3 44.1	٠ ١ ١ ١	44.3	44.3 10.1	44.2
≥ 9000 ≥ 9000		ر 1.1	50.4 52.4	50.5 52.4	50.0 52.3	5°.6	5 .d	90.5 52.3	50.d 52.3	5 · . 7 52 . 5	50.7 52.¥	53.7 52.3	~J.7	5 . 7 5 . 5	50.7	, , , , , , , , , , , , , , , , , , ,
≥ 8000 ≥ 7000		54.9 57.4	55.2 57.4	55.4 57.d	55.1	35.7	5:.7 5.2	55.7 55.2	55.7 58.2	55.9 52.3	₹5. ₩	50.7 54.4	٠٠.٠ -	56.0	50.J	
≥ 2000 ≥ 2000		59.1 62.9	50.4 53.4	59.5 63.5	63.3	07.7	5 .d	_).d	53.9 53.9	67.1	60.1	6 \ . 2 54 - 2	· à	5^.7	54.4	· ·
≥ 4500 ≥ 4000	-	71.9	60.4 72.0	66.9 73.3	57.2 73.3	67.2 73.8	↑/•2 7••9	:7.ā	57.Z	67.3 77.9	57.3 73.7	c7.4	47,4	74	57.4 74.1	ري. ط <u>14 - ا</u>
≥ 350C ≥ 300C		75.9	76.d	77.3 82.4	77.5 82.5	77.9 82.9	77.9 9. g	77.9	77.9	78.q 33.Q	78.0 43.0	78.1 83.1	73.1 33.1	72.1 63.1	7â. <u>[</u> ع. ا	78 • ¥ ∪3 • £
≥ 2500 ≥ 2000		55.4	84.d	85.2 86.1	90.1 89.1	86.2	3: • 4	35.2 39.3	8.9E	86.4	36.4 90.4	85.9 92.2	90.2 ○5.2	86.5 97.2	20.2 20.2	
≥ '90C ≥ '50C	8 6	a=.9	36.d 37.4	E.83 P.83	89.4 90.7	9^.Z	0 .3	90.3 1.19	90.4 91.2	90.6 91.5	90.0	90.7	96.7 91.0	90.7 91.5	90.7 91.q	
≥ '200 ≥ '000	:	36.7 87.2	88.i	90.3 90.3	92.5	92.7	93.0 93.0	93.0 93.8	93.1 93.9	93.3	94.1	93.4	93.4 74.3	93.4	93.4	93.4 94.3
≥ 900 ≥ 800	NAMES N	\$7.7 67.7	38.1 39.1	90.3	93.7	93.4 93.9	94.0	94.9 94.5	94.1	94.4 95.0	94.4	94.1	94.5 95.1	94.5	94.3	94.3 33.4
≥ 700 ≥ 600	5 5 5	89.4	39.7 89.5	92.5 92.2	94.4	94.6	95.0	95.Q	95.3 96.1	95.7	95.7	95.9	95.7	95.9 96.7	95.9 96.7	95.9 95.7
≥ 500 ≥ 400	or men men ou	38.4	90.0 90.0	92.4	95•s	95.7 95.7	97.0 97.5	97.0 97.5	97•1 97•7	97.4 98.0	97.4 98.0	97.7	97.7	97.7 9°.2	95.2	97.7 92.2
≥ 300 ≥ 200	* * * * * * * * * * * * * * * * * * *	8.88 88.8	90•2	92.5	95.9 95.9	96.3 96.3	95.1 95.1	99.1	98.2 98.6	98.9	98.9 99.3	99.4	99.	99•2 99•5	99.2	79.4
≥ 100 ≥ C	*** *** **** **** **** **** **** **** ****	3.88 8.55	90.2	92.5	95.9 95.9	96•3 96•3	98.1 9 ₅ .1	93.2 98.2	98.7 98.7	99.4 99.4	99.4	99.4 99.4	99.ć 99.ć	99.6		100.0 100.0

TOTAL NUMBER OF OBSERVATIONS ______ 25'

USAF ETAC #264 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE DISOLETE

 \mathbf{C}

UATA PRUCESUTED TRAUD FOUSAR (THE ATTHE SEPREPARE)

CEILING VERSUS VISIBILITY

DEBCENTAGE EREQUENCY OF OCCURREN

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS

VISIBIL TY STATUTE MILES IE . 50 . ≥5 'o 27.7 37. × 30.7 30. 1 NO CELNO 25.83.3 3.9 39.0 30.0 Ty. (4 20 . 12 3 4 . 1 2) . 4 ≥ 0000 ≥ 8000 ≥ 5000 47.9 48.4 48.4 49.4 49.5 . . . 5 .9.9 50.0 50.0 >3.ul 5 %: ≥ 14000 ≥ 12000 49.6 50.4 50.1 51.1 51.2 5..8 :1.6 51.7 51. 21.7 31. 2 . 3 23. 7 53. 9 54. 6 54. 7 5 *5.4 55.4 55.4 <u>55. و 5ر ال.</u> 10.3 39.8 59.4 50.7 01.0 4.2 51.4 61.. 61.0 61.2 5.2 62.8 62.10 k.10 6.10 6.13 ≥ 9000 \$1.0 pl.5 %1.0 pl.5 \$1.3 pl. 63.2 63.3 ≥ 5000 ≥ *3000 4.7c E.76 C.03 b.cs F.2c 7.9 66.1 5º 56. 7.9 57.7 67.4 69.1 60.3 - .5 7.4 71.2 71.9 72.0 73.7 7.2 69.8 76.0 70.0 70.4 73.5 73.7 73.7 73.7 ≥ 5000 ≥ 5000 ≥ 4500 ≥ 4000 75.8 75.0 76.0 70.0 74. 4 75. U 77.8 73.8 73.8 75.2 75.3 19.5 79.9 70.7 79.9 75.9 76.1 77.3 73.3 15.9 7. 79.9 79.9 79.8 79.8 10.4 32.0 52.3 82.5 72.5 55.4 95.8 65.9 85.9 32.5 82.5 3500 7-.4 76.4 79.4 81.1 51.2 5 52.3 85.00 35. ≥ 300€ 84.7 95.1 57.4 41.4 82.7 84.4 54.5 ≥ 1500 ≥ 2000 57.1 33.1 84.1 85.4 56.3 4..8 57.3 67.8 67.9 37.9 67.9 K.ac F.83 p.88 £3.d 85.L 59<u>.1</u> 87.4 87.5 89<u>.3</u> 38.6 ≥ 1800 ≥ 1500 33.8 89.3 89.4 89.4 89.4 19. 39.5 90.0 90.1 90.1 90.1 0.. 87.5 \$2.7 83.8 85.L 87.7 89.5 90.2 90.2 e2.7 34.4 85.3 87.9 89.0 9c.a .5 91.2 91.7 91.9 91.9 .9 92.6 93.1 93.2 93.2 37.7 34.9 86.4 89.4 89.6 ÷ .5 91.9 91.9 91.9 92.0 2 2 1000 90.99 93.7 03.3 65.7 67.2 90.6 85.7 37.2 90.4 90.9 02.0 92.7 93.2 93.3 93.3 93.3 93.8 94.1 94.1 900 93. 93.5 54.4 86.0 87.2 91.3 91.5 2.6 300 94.1 34.2 94.2 94.2 91.7 9..8 G4.0 E5.1 35.3 87.8 91.3 93.6 94.1 94.4 04 50C :5.1 80.3 87.3 91.9 92.1 94.2 94.0 94.4 94.8 94.8 94. 94.9 94.9 85.1 86.3 87.8 92.0 92.2 9..7 85.2 86.4 87.9 92.3 92.6 94.3 95.1 95.6 95.0 95.6 95.9 95.a 94.0 2 500 ۶7<u>. ن</u> 95.3 96.0 96.7 9c.7 96.7 97.0 97.3 47. 9.30 92.0 2 85.3 86.5 68.0 92.0 C2.8 94.0 95.9 96.8 97.5 97.7 30G 95.4 97.7 94.5 98.6 95.7 97.9 98.8 99.0 90.7 97.9 98.8 99.1 99.1 200 98.4 99.1 85.4 86.7 85.1 92.7 93.0 94.9 99.1 39.4 99.2 93.1 95.1 56.7 88.1 92.5 99. 99.5 99.2100.0 100 85.4 86.7 88.1 92.8 93.1 99.3 99.3150.1 99.7

TOTAL NUMBER OF OBSERVATIONS....

USAF ETAC AND 0-14-5 (OL A) HEVICUS EDITIONS OF THE FORM ARE DESCRET

MATA FRECESSING TRATER
USAF ETAF
AIR HEAT OF SERVICEV AS

CEILING VERSUS VISIBILITY

34005 Hub. 20/Hu 5200K U. Rh V 1- ,71-77

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

CEN NG							v š::	5. 'Y S'≄ ——	.".E A"E	S						
FEE* '	≥'≎	≥:	≥ 5	24	≥3	≥:	≥:	≥	≥.•	2	≥ .	≥,	≥ -	≥> 0	≥ .	≥3
NO CERING ≥ 20000		42.9	50.1	45.2 51.4	42.3 51.4	4°.3	لدية	"\•Z	45.2	47.3 52.8	ر . ز. د . ز.	45.7	٤.3	41.5	اد.وب ن.فت	2 0 1
≥ 8000 ≥ 6006		4°.5	F.5c	51.2 51.7	51.7 52.1	51.5 57.1	5 .d	۵.۵ر قرقت	53.9	57.1. 23.0	1. دُرُ در م 2 رُر	53.1 53.4	72.1	51.3	53. <i>3</i>	
≥ 14000 ≥ 12000		51.6 51.0	22.3	53.4 54.7	53.a	53.5 55.7	5 .4	34.9 35.5	59	55.11 56.7	\5.i.	55.1 50.7	5. l	25.3 5c.3	55. i	۶۰۶ر برون
5 5000 5 ,0000		ر 55•4		59.5 50.5	50.¢	0 .2 01.4	4 3	1.6ء 2.7ء	5:.0	01.7	-1.4 J2.4	cl.?	~1.4 •2.8	57.3 03.1	٤٤.غ ١.٤٠	₩2 • .l
≥ ±000 ≥ *000		51.7 61.6		64.2 66.3	65 · 2 67 · 3	5°.2 57.1	11.5	25.7	50.7	04. q	20.4 28.0	D= - 4	د. م د. ت	57.7	47.J	57.4 54
≥ 6000 ≥ 5000		-	06.0 78.0	67.2 69.5	1.59 F.C7	9°.1, 7°.9		ر 72.5	59.6. 72.0	5°.8 72.7	19.4	69.1 72.1	79.8	73.7	70.J	73.3
≥ 4500 ≥ 4000		0°.1		70.4 73.4	72.J 74.9	77.3	73	73.8 75.5	75.7	73.8 76.8	73.d 76.d	73.4 76.4	73.0	74.1	74.L 77.J	77.2
≥ 3500 ≥ 3000		72.4 75.7	73.4	75.3 79.d	76.d 80.7	70.9	7-•a	75.8 2.7	7c.4 82.3	70.C	79.	79.7	79.U	79.3 83.3	20.5 E.E°	73.3
≥ 2500 ≥ 2000		77.9	79.4	31.2 32.1	83.3 84.4	32.3	9 .3	55.6 . c. 7	95.7 86.8	65.9 66.9	95.d k.os	85.7 85.7	°5.9	84.2	20.d E.75	نه درد د 7۰ غ
≥ 1900 ≥ 1500		7°.4 7°.4	30.4 20.2	82.5 33.1	84.d 85.4	84.6	^વ ૃ લ ં ન	57∙Q ≈7∙7	87.2 87.8	37.3 37.9	87.3 ₹.7₽	£7.9	27.4 55.0	87.7	37.7 25.3	57•7 -5•3
≥ ;200 ≥ ;300		79.1 50.2	51.1 32.2	33.5 85.4	80.3 88.4	51.7 52.3	2 . 3 2 . 7	6.58 D.16	88.9 91.1	89.Q	71.2	6.48 51.3	7.1	89.4 91.4	89.4 91.5	29.4 71.4
≥ 900 - ≥ 800		50.2 30.9	82.d	35.4 36.2	8c • 3	89.5	9 .9	91.1 92.d	9.2	91.4	91.4	91.4	د.1° ۱۰۶	91.7	91.7	71.7
≥ 700 ≥ 600		30.9 81.0	82.4	36.2 36.3	99.0 89.3	89.9	K. 19	92.d 92.7	92•2 93•0	92.3 93.1	92.3 93.1	92.3	₹2.0 ₹3.3	92.a 93.6	92.3 93.0	92.5 93.5
≥ 500 i ≥ 400		81.9 61.9	83.0	57.3 37.3	90•6 90•9	90.6 90.9	93.8 93.1	94.4	94.7	94.4	74.4 95.3	94.4	°4.7 °5.0	94.9 95.8	94.9 95.d	94.9
> 300		51.6 51.6	33.7	87.7	91.1	91.2	94.6	95.3	95•d 95•8	95.5 95.9	96.7	95.7	97.7 95.3	97.5 95.6	97.5 98.d	97•5 98•5
≥ 100		31.6 31.6	63.7 53.7	87.7	91.7 91.7	91.2 91.2	97	95•d 95•d	95.8 95.8	97.0 97.0	97.7 97.7	97.9 97.9	98.d 98.d	99.3	99.d	

OTAL NUMBER OF ORSERVATIONS 513

USAF ETAC AZ SA 0-14-5 (OL A) MENOUS EDITIONS OF THIS FORM AND ORSOLET

TATA PRIORSING PRANCE USAF ETHO AIR FATHER SEPARCEMENT

13-12 , 43/12 13 24 (A 425 6 A 1 _____

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

18 NT.						_	. \$ 3	5. ** \$*4 —	`.'E + .£	\$ 						
*EE. *	≥ :	20	≥:	24	23	≥:-	≥:	2	≥ .	<u> </u>	≥ -	≥ ,	≥ .	≥ > '\$	≥.	÷
NO 18 , NO 2 70000							ئى دى د								30.3	
≥ 5000 ≥ 5000		47.1	-3.i	43.7	44.6	74.4	· . L	45.3	45.4	45.6		45.5	-5.6			450
2 407 2 2000						-	4 .4	_	-	-					47.1 45.7	
2 7000 2 7000)a						_		5∠.> 54.≥	
≥ 5000 ≥ 1000		74.5	55.7	57	57.4	57.9	4 u	- 9 . Ç	59.u	5-,2	* y	53.	<u> </u>	57.4	57.4	39.3
≥ 5000 ≥ 5000		22.7	59.5	06.4	61.4	01.3	· .7	2.3	52.9	63.2	43.4	63.5	13.5	03.4	43.4	<u> </u>
≥ 4500 ≥ 4000		. s? • 9	34.4	65.4	67.3	67.3	7L	25.4	66.5	61.8	≎0.ci	Ç ₹ • ∄	9	>^ <u> </u>	19.1	
≥ 3500 ≥ 3500		ა <u>ე. გ</u>	70.9	72.5	74.3	74.4	7.0 7.3	75.a	75.7	75.0	76.ú	72.1	75.i	7: .2:	75. ₹	
≥ 7500 ≥ 7000		73.5	75 <u>, 3</u>	77.5	79.0	79.7	7. 1; 3 .7	51.E	81.3	81.6	F1.2	01.4	? <u>.</u> 7	31.8	31.4	±2• €
≥ '800 ≥ '\$00 ≥ '200		75.5		79.3	92.4	82.4	35 55	-3.9	34.1	34.4	94.4	24.4	24.5	84.6		4. ž
5 :00c		77.4	79.d	32.5	85.4	55.5	37.5	<u> 7.5</u>	87.7	86.0	25.i	80.1	6.2	35.3	£.82	59 . 5
≥ 900 ≥ 70°	. <u>.</u>	79.1	80.7 31.0	83.5	86.7	8× • 9	99.4	69 . 9	89.1	8c.5	29.a	4.9غ	39.7	४०.स	40.6	77.3
2 50C		79.9	81.d	84.9	88.3	58.9	9.3	91.4	91.7	92.1	°2.2	92.	92.3	92.4	92.5	47.7
2 300		72.3	82.1	85.5	89.9	90.2	و و ورو	93.9	94.3	95.0	95.:	95,7	95.4	95.5	95.q	35.4
≥ 200		79.4	32.2	85.8	90.7	90.4	9,.7	95.L	95.8	95.8	97.2	97.4	77.8	اح. و 9	k.5¢	95.4
≥ :00 ≥ 0							97									

TOTAL NUMBER OF OBSERVATIONS.......

USAF ETAC #454 0-14-5 (OL A) regions somois or thes follow and costact

MATA FRECESSIES TRANCH USAF LINC FATHER SEPVICE/ INC

CEILING VERSUS VISIBILITY

HAMA AT / HO SPUCK SPRIARY . 5-- ,71-77

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEIUNO							٧٤Sı	et" STA	TUTE MILE	\$		· · · · · · · · · · · · · · · · · · ·				
FEET	≥10	≥6	≥5 ·	≥4	≥3	22	≥?	≥ - ,	≥1.	≥!	≥ -	≥`•	<u>></u>	≥5 5	≥	≵0
NO CE'L NG ≥ 2000C		47.1 52.5		51.J	53.7 53.7			94.4 9.0	54.7 60.2	55.1	,	55.1, 61.1	50.1 51.0		55.4 51.	55.X
≥ 18000 ≥ 16000		23.1		57.1 57.4		50. g	5 .4	00.8		61.7	61.3 62.4		41.6	1	62.4	~,
≥ 14000 ≥ 12000		53.6 54.7				50.0	5 .7	51.5	51.7	52.4	02.0	63.4	* 2. U		62.7 63.7	/ ۱۰ در د د د
≥ 10000 ≥ 9000		55.0		59.4 59.4	52.0	02.7	4.2 6.4	ر3، ق ي4، 2	64.0 64.3	64.7 05.2		64.9	54.0 65.3	54 • B	65.J 65.≆	55.U
≥ 800¢ ≥ 7006		7.7c و.0c	0.00 0.00	02.1	65.1	67.1 07.1	~ n • 0	67.0	67.2 69.3	67.9	66.1 70.1	68.1 70.1	53.1 76.1	09.1 70.1	53.2 70.2	38.Z
≥ 600C ≥ 500C		57.6 53.0	62.d	67.7		67.3 70.7	5:.9	37.9	70 · L 72 · 8	70.8	73.7	70.9 72.7	70.8	70.9	- 1	
≥ 4500 ≥ 4000		67.4	ი5.8 ი9.9	68.4 72.7	71.4	71.44 76.0	7, 4	73.3 73.2	73.d 78.5	74.3	74.4	74.4	74.4	74.4	74.5	74.5 79.4
≥ 3500 ≥ 3000		ο ^ρ •5		74.0 75.5	77.3	77.3 79.1	75	79.5	79.8	82.9	93.3	80.4 83.7	90.6 9.6°	80.6 83.0	83.7	50.7 33.1
≥ 2500 ≥ 2000		70.7	73.3 74.3	77.0 78.6	80.3 81.9	80.3 81.9	A 5	33.0	83.5	84.2 86.0	94.3 56.1	84.3	°4.3 ≅6.1	84.3 84.1	84.4 85.2	34.4 26.2
≥ 1800 ≥ 1500		72.1		78.8 30.1	82.2	82.2 83.5	85.7 85.0	34.9	85.4	86.2	86.4	86.4	36.4 37.7		86.5 97.8	36.5 37.6
≥ 1200 ≥ 1000		74.9	77.0	81.2	84.7	85.4	87.1	87.4 88.3	0.68 9.68	88.9	1	99.0	49.0	89.0	89.1 90.1	99.1 90.1
≥ 900 ≥ 800		75.1		82.5 82.5	86 • 0 86 • 2	86.2 86.2	57.9 98.3	69.1 59.5	89.7	90.6		90.8	96.8	90.8 91.1	90.9	90.9
≥ 700 ≥ 600		75.7 76.4		83.5	87.1 88.2	87.1 88.2	85.4	91.9	91.3	97.1		92.5	92.5 73.8	1		92.6
≥ 500 ≥ 400		76.7 76.7	79.9 79.9	84.9	88.9 90.3	88.9 90.3	91.4	92.6	93.3 95.0	94.3	94.0	94.5	°4.≎	94.6 95.4	96.5	94.7
≥ 300 ≥ 200		76.9 77.0		86.1 86.4	90.8 91.4		93.5	95.0 95.8	95.7 96.5	96.8		97.1	97.4	97.5	97.0	
≥ 100 ≥ 0		77.0		86.4 36.4	- • 7	91.4 91.4	94.4	95.8 95.8	96•8 96•8	97.8 97.8	98.6 98.5		99.3			99.8

TOTAL NUMBER OF OBSERVATIONS...

DATA PROCESSING TRANSPOSANT LINC AIR SERVICE/MAC

CEILING VERSUS VISIBILITY

34055 HAHL ASTHE ISRUCK DERMANY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1300m jt 6.3 moves is

CEILING							VIS	IBILITY ST	TUTE MILE	\$		·				7000
FEET	≥10	. ≥6	≥ 5	≥4	≥3	≥2 ;	≥ 2	≥1:	٤١.	≥1	≥ ′- !	≥'•	≥ 7	≥5 15	≥ .	≥0
NO CEILING ≥ 200001		35.4 30.4	38.2 41.4	40.1 43.2		42.7	44.4	7 / 1	45.8 49.1	46.3 49.5	1	45.5	46.2 49.2	45.5 44.9	40.5 50.1	45.5 2 • 1
2 18000 ≤		ეი. \ ქე. 5	41.5 41.5	43.5 43.5	. "1	46.3	40	43.9 43.9	49.4 49.4	40.8 47.8	50.1 50.1	50.1 51.1	50.5	50.4 50.4	50.5	50.5 51.5
≥ 14000 ≥ 12000		4^.7	42.2 42.7		47.1	47.1	47	49.7 30.8	53.2 51.3	50.6 51.7	51.7	50.8 51.9	51.1 57.2	51.2 52.3	51.3	ン1・オ <u>ラミ・サ</u>
≥ 17000 ≥ 9000		42.4	44.4	_ 1		50.1 51.2	5 . 8	>3.8	53.2 54.3	53.6 54.7	53.a 55.	55.	54,6 55.2		54.3 55.5	55.5
≥ 8000 ≥ 7000		46.4 47.6	49.5		54. 0 55. ₹				57.9 59.7	58.5 60.2	58.8 60.5	58.7 60.5	49.0 40.5	59.1	59.2 61.0	ο⊊•2
≥ 5000 ≥ 5000		4° 5° 5^ 5	51.3 53.0	53.5 55.4	57.5 <u>51.4</u>	57.5 59.4		50.6 62.3	51.5 53.2	62.0 63.8	64 . i	62.3 64.1	56.6	52.7 54.5	52.3 (4.0	67.0 64.0
≥ 4500 ≥ 4000		51.5 55.4		56.5 60.5	60.4 64.8	69.5 64.9	62.3 55.9	03.5 68.1	54.3 59.0	69.5	65.4 10.0	65.7 70.7	75.4 75.2			65.1 7(.1
≥ 3500 ≥ 3000		24.5		62.1 63.5	66.0 68.0	65.9 63.3	6 .0 7 .5	70.2 71.9	71.1 72.9	71.7	72.1 73.9	72.1 73.0	72.5 74.1	72.6		72•8 74•5
≥ 2500 ≥ 2000		52.5 59.9	61.4 63.0	64.1 66.1	66.8 70.8	08.9 70.9	72 72		73.6	74.2 76.2	74.5 76.0		74.9		75.3 77.3	75.3 17.3
≥ 1800 ≥ 1.00		07.5		66.7		7:.4	75.8 75.1	75.1 77.5	76.2 78.6	76.7 79.2	77.2 79.5	77.2	77.4 77.0	77.7 80.2	77.9 80.3	77.9 EC.3
≥ 1200 ≥ 1000		64.6		70.0 71.7	75.2 77.0		77.6 79.8		80.4 82.6	\$1.0 83.2		81.4 83.4	91.7	84.3	72.2 34.4	52•2 54•4
≥ 900 ≥ 800		64.6 65.3		71. 72.	77.3	77.4	მე.2 მ <u>3</u>		82.9 84.1	83.5 84.8	85.3	83.9 55.3	24.3 85.0	84.6	86.0	34 • 7 30 • 0
≥ 700 ≥ 600		65.7 66.6		73.3 74.9	78.6 80.6	79.0 80.8	8:.9 54:1	63.8 66.2	84.9 87.3	85.7 88.4		86∙7 68•°	66.5 89.1	ē9.5	39.5	55.9 59.0
≥ 500 ≥ 400		67.1	71.0	76.1	82.8	83.2	85.5 86.7		58.9 90.8		92.0	90.6	90.5 93.4	93.7	73.8	91.4
≥ 300 ≥ 200		67.3 67.3	71.2	76.3		83.9	87.2 35.0	91.1	91.6	94.9	95.5	94.2		97.1	97.0	
≥ 100 ≥ 0		67.3		76.3 76.3	83.0		0.58 0.58		92.8		96.2	96.3 95.5	97.3			99.6 100.9

TOTAL NUMBER OF OBSERVATIONS 90

USAF ETAC 101 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLE

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DATA PRECESSING TARKET CSAF ETAC AIR EATHER SERVICEVING

CEILING VERSUS VISIBILITY

-4055 HAH. A?/YU'SRUCK UER'ANT

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

-000 is

CEILING					<u>-, , , , , , , , , , , , , , , , , , , </u>		V*S+	B., ** S*A	*J*E M.LE	S						1
FEET	≥10	≥6	≥5	54	≥3	≥2	≥:	≥	2 4	≥ .	≥ -,	٤.	≥	25 16	≥.	≥0
NO CEILING ≥ 20000		37.7 37.7	34.4 36.0		39 · a	40.0 43.0	4 • 0 - • 0	91+1, 65+4		41.2	41.4 40.3	45.5	.l.ċ 	46.5	40.2	41.4
≥ 18000 ≥ 16000		7.5 17.8	39.1 39.4	•	45 • u 45 • s	45. A	4 . 3	45. 7. 1.		45.8 47.2	÷6.8 47.2	40.°	40.0 47.2	47.2	40.3 47.2	40.0
≥ 14000 ≥ 12000		37.3 40.6	41.4	44.3		47.2	<u>لا</u> <u>۵. ک</u>	48.0 57.1	48.7	48.7 5-12	48.7 53.2	45.7 20.2	45.7	51.2	50.2	1,2.7 20.2
≥ 10000 ≥ 9000		47.4	44.i 40.i	47.5	50.3 52.5	- 1	5 .9	52.4 <u>54.4</u>	52.q 54.q		52.0 ₹4.0	54.	۶ ₆ ,6	34.5		
≥ 8000 ≥ 7000		47.4	50.5	54.2	57.4	54.4 57.7		.3.i.	58.4 59.5		58.4 59.3	ه. ه. و <u>۲۹۰۶</u>	39.3	57.4 57.5	58.4 59.2	23.5
≥ 6000 ≥ 5000		50.9	53.4	56.d			<u> 5:.7</u>	:2 ·],	63.5	o(•5i 52•3i	=2.3	62.3	د.ن^ <u>د</u> خ	57.3	40.5 64.5	07.5 02.3
≥ 4500 ≥ 4000		51.9		59.5	61.2	03.2		.5.0	53.3 63.2			63.5 65.5	ژ.رژ ۵.و <u>۴</u>		د.ده ٥ <u>.ده</u>	
≥ 3500 ≥ 3000		55.0 56.5	59.5	63,5	67.	07.3	^0.4 <u>5.5</u>	-9.3		69.9	70.	70.1	47.6 70.1	7:.2	57.0 70.2	71.2
≥ 250∪ ≥ 2000		50.6	67.3	67.3	71.0	71.3	7, . 5 7/ . d	71•3 73•3	73.0	71.9 73.9		72.1	74.1	74.2	72.2	74.2
≥ 1800 ≥ 1500		01.7 07.9		69.9		74.7	75.6	76.4	74.1 76.5	75.7	77.	74.5	74.5		74.6	77.1
≥ 1200 ≥ 1000		04.6 05.7	58.7		77.5			78.4 £0.1			79.2 BC.5	79.7 85.3	79.2 90.8	81.0	79.3	79.3
≥ 900 ≥ 800		98.U		75.9			30.0 €8		81.0 83.9	81.2	$\overline{}$	81.4			54.5	01.7 54.5
≥ 700 ≥ 600		59.4	72.5	78.1		83.9		57.3	85.4 87.7	85.6		85.9 86.3	85.8 68.3	â3.4		
≥ 500 ≥ 400		69.5	73.2	78.7	85.2	85.6	80.0	89.1 90.5	39.7 91.1		90.3	90.5 92.1	92.1	92.2	92.2	92.4
≥ 300 ≥ 200		69.5	73.2	78.7			39.5		93.5	94.8		95.2 96.6		97.5		97.3
≥ 100 ≥ 0		69.5			85 • 6 85 • 7	86.0 86.2		92.5	94.4	95.9 96.0		97.0 97.1		98.6 98.7	- 1	

TOTAL NUMBER OF OBSERVATIONS....

90.

USAF ETAC 100.04 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE DESOLET

DATA PRICESSING TRAISE USAF ETAC AIR REATHER SERVICE/MAS

CEILING VERSUS VISIBILITY

34055

HAHLA AT/HO SPUCK JERMATY

9-77

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CERLING							VISI	BILITY STA	TUTE MILE							
FEET T	≥10	_ ≥0	≥5	≥4	≥3	≥2:	≥ 2	≥1 2	≥1.	≥: ;	≥ ′4 •	≥'₅ .	≥ :	≥5 10	≥.	≥0
NO CEILING 1 ≥ 20000		7.7ر 44.9	ამ. 4 45.5	30.9 47.3			4 .5		40.5	40.5 47.7					4j.5	
≥ 18000 ≥ 16000		45.7 45.4	46.0 46.2	47.3		4°.0	:	48.3	46.1 45.3			43.1 44.2	43.1	42.1 43	45.1 45.2	470 l 450 l
≥ 14000 ≥ 12000		ì	∸6.a ∸8.ù		-;	1	1	48.7 29.7	40.7 50.7	18.7 50.7	48.7 50.7	48.7 53.7	45.7 55.1	45.7 57.7	48.7 50.7	4° • 1
≥ 10000 ≥ 9000		51.9	• • •		53.√ 54.☆		35.3	3.3ر 5.3ر	53.3	53.3 55.3			ائروت <u>ت</u> و5		1	23.3 25.2
≥ 8000 ≥ 7000			35.⊅ 56.4		- 1	57.8 52.8	" i	1.6د 1.9د	58.1 59.1		53.1 59.1				59.1	55 • 1 59 • 1
≥ 6000 ≥ 5000			53.4		61.	59.2		59.6 .1.4	59.6	61.4	59.0	610	51.4	01.4	' 1	1
≥ 4500 ≥ 4000	_	01.5	59.d	64.2	65.4	65.4	5.9		62.8 55.9	65.9		55.7	45.9	05.9	65 , ∀	,
≥ 3500 ≥ 3000		67.5	60.9	70.7	72.0	67.1 72.0	7,04	72.5		72.5		72.5	47.0	72.5	72.5	67.0
≥ 2500 ≥ 2000		71.5 75.7	76.4		80.4		я , д	31.0	31.c	81.0	P1.0	61.7	75.3	31.0	81.3	74.9
≥ 1800 ≥ 1500		74.2 80.0	81.8	79.d 84.3	81.0	81.6 86.6	87.3	82.2 87.4	82.2	87.4			°2.2 ≈7.4		87.4	
≥ 1200 ≥ 1000		87.5	84.4	87.0	89.8	8.85	٥.5	30.6	90.6	90.6		89.7 90.4	20.0	80.0	70.0	89.0 21.03
≥ 900 ≥ 800		82.7		88.8	91.9	90.1	92.6		92.8	90.9	92.5	93.9	90.9 92.5	92.8	92.5	90.9
≥ 700 ≥ 600		83.7	86.0	89.4 89.7		92.7 93.1	94.0		94.4	93.9			93.9	94.5	74.5	
≥ 500 ≥ 400		84.2		90.0			95.2		27.1	97.5	97.5	96.2 97.5	90.2		97.5	
≥ 300 ≥ 200		84.2	36.9	90.8		94.9	97.0 97.0			98.9 97.1	99.2	99.0 99.2	99.0		99.4	70.4
≥ 100 ≥ 0		84.2	1	90.8	94.9		97.0 90	98.0 98.0	98.2				99.7 99.7		99.9	

TOTAL NUMBER OF OBSERVATIONS...

90.

USAF ETAC JUSA 0-14-5 (OL A) MEVIOUS EDITIONS OF THIS FORM ARE DISOLETE

TATA PRIC: SOING PRANCH USAF ETHE AIR EATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34055 HAHI. AS / ME "SPUCK GERMA" Y

8-77

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

120, -1461

CELLNG							VIS:	BILITY STA	TUTE MILE	s						
· FEET *	≥10	≥6	≥5	≥ 4	≥3	≥2 2	≥ 2	≥1:	≥1.4	≥1	≥ ٠.₄	≥`•	≥ :	≥ 5 16	≥ 4	≥0
. NO CEILING ≥ 20000		36.4	36.9 42.9	37. il		37.4	3,.4	:7.4	37.4	37.4	37.4	37.4	31.4	3	37.4 43.0	- 1
≥ 18000 ≥ 18000		43.2	43.5	43.9	44.4	44.3	44.3	44.3	44.4	44.3	44.3	44.7	44.5	44.3	44.5	1
≥ 14000 ≥ 12000		43.6 44.0	44.1	44.5	45. J 47.	•= • 0 •7•3	ن. رب قري	45.0 47.3	45.0	45.0	47.3	45.3	45.0 47.5	45.0 47.3	45.3	45. 47. 5
≥ 10000 ≥ 9000		42.1	48.3 49.d	49.1 56.5	49.5 50.9	47.5 54.9	4 \ 5	49.5	49.5 50.9	49.5	49.5 50.3	47.5 57.7	49.5 50.9	49.5 50.9	49.5 50.9	
≥ 8000 ≥ 7000		52.8 53.7	53.4 54.3	54.2 55.1	54.0 55.0	54.6	54.0 53.5	54.6 55.6	54.6 55.6	54.6 55.6	54.6 55.0	54.7 55.4	54.0 55.0		54.0 55.0	
≥ 6000 : ≥ 5000		54.7 57.9	54.4 58.6	55.7 59.5	50.1 59.9	54,1	50.1	26.3 42.0	50.3 60.0	55.2 60.0	56.3	56.7	56.3 40.0	56.3 63.0	50.3 60.3	56.3
≥ 4500 ≥ 4600		on.9	61.6 58.4	62.5	62.3	50.7	6.9	3.0 9.8	65.0	63.7 67.8		69.0	63.0 -7.d		63.u 59.a	
≥ 3500		73.3 79.6	74.0 80.3	74.9	75.4	81.8	75.4	75.4	75.4 51.9	75.4 81.9	75.4 81.9	75.4 81.4	75.4	75.4 d1.9	75.4 81.3	01.7
≥ 2500 ≥ 2000		04.5	85.3 38.0	86.4 39.7	86 • d 90 • 4	86.8 92.4	96	91.0	87.3 91.0	67.3 91.0	37.3 91.3	87.1 91.7	97.3 01.0	57.3 91.0	91.0	91.0
≥ 1800 ≥ 1500		90.4	89.3 91.0		91.1 93.5	91 • 1 93 • 8	92.0	91.8	91.8 94.5	91.8 94.5	91.8 94.5	91.5	94.5	91.8 94.5	91.8	94.5
≥ 1200		71.4 97.0	92.5 93.i	92.9	94.4 95.7	94.8	91	95.7	95.8	95.8 96.7	95.8	95.9	95.7	95.8	90.7	95.8 76.7
≥ 900 ≥ 800		92.4 92.4	93.1 93.9		95.4	95.6	90.2 97.0	76.7 97.5	90.8 97.6	96.8 97.6	96.6	96.5	96.8	96.8 97.6	96.8	
≥ 700 ≥ 600		93.7 93.4	94.4	96.0 96.1	97.0 97.1	97.0 97.1	97.7 97.8	98.1 98.2	98•2 98•3	98.2 92.3	98.3	98.7 98.3	96.2	98.3	98.2	98.2
≥ 500 ≥ 400		93.4	94.5	96.3	97.5	97.5	90.1	98.8	98.9	99.1	98.9	98.9	98.9	98.9 99.1	98.9	
≥ 300 ≥ 200		93.5	94.6	96.8	98.0	97.9 98.0	98.7	99.0	99.4	99.7	99.4	99.4	99.4	99.8	99.6	90.8
≥ 190 ≥ 0		93.6 93.6	94.7	96.8 96.8	98.0 98.0	98.0 98.0	93.7 98.7	99.6	99.7	99.7	99.7	99.7	99,8	99.8 99.8	99.8 99.4	100•4 1 ₀ 0•4

TOTAL NUMBER OF OBSERVATIONS

903

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

UATA PRUCESSING PARICH USAF ETUC AIP AKATHOR SERVICE/YAC

CEILING VERSUS VISIBILITY

34052 ----- 421 421 33 CK LEPMA IY

2-77

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

150 = 170 TOURS 100

CEILING							VIŞI	BILITY STA	TUTE MILE	5						
FEET 7	≥10	, ≥6	≥ 5	≥4	≥3	≥2 -	≥2	≥1 :	≥1.	≥,	≥.4	≥ '*	≥ -	≥5 %	≥ .	≥0
NO CEILING		3°.0	39.0	39.5	39.0 47.4	50.9 47.3	4 . 14	40.1	40.1 47.0	40.1 47.6	-0.1,	47.2	- J. l	*. •i	40.0 47.5	
≥ 18000 ≥ 16000		47.7	47.5			47.9	4 0	48.1	45.1 3.5		46.1	43.1 43.5	·0,1	4 2 • 1,	48.1	47.41 47.43
≥ 14000 ≥ 12000		47.8	40.7 50.7	- 1	49.0	49.0 51.1	9 .1 5 .2	49.3 11.3	49.3 51.3	45.3	49.3 51.3	47.7 51.7	49.3	47.3 51.3	49. ×	99.4 21.2
≥ 0000 ≥ 0000		57.9 55.1	53.2 50.1	- 1	54.4 50.6	54.4 50.6	55	24.6	54.0		54.0 50.9	54.4			54.0)4.54 3∧.54
≥ 3000 ≥ 7000		0°.2	61.4	61.7 64.0		02.0 64.2	24.1	02.3	62.3	67.3	04.0	52.7	^2.3	02.3	52.3	رد 20 ا مورد
≥ 5000 ; ≥ 5000		24.4	55.6 69.2	- 1	60.2 70.4	70.4	40.3	79.7	65.5 70.7	04.5	46.5	66.	35.2 70.	55.5	66.5 70.7	≎6.⊅i
≥ 4500 ≥ 4000		71.4	73.0 79.5	73.3	73.0	73.0		73.9	73.9 80.7	73.9	73.9	77.0		73.9		73.9
≥ 3500 ≥ 3000		52.4	84.1	34.4	84.9	89.8	35.1 9.0	25.5 20.4	95.5	85.5	اد. 5°	65.5 90.4	²5.5	1	-5.5	55.5
≥ 2500 ≥ 2000		, 50.4 91.3	91.3	1	92.3	92.3	93	73.Z	93.2	93.2	73.2 75.3	93.7	93.2 95.0	93.2	93.2	73.d 95.3
≥ 1800 ≥ 1500		91.7	93.5	94.1	94.6	94.5	98	95.9	95.5 95.9	95.5 95.9	95.5	95.5 95.3	°5.5	95.5 95.9	95.5 95.9	95.5
≥ 1200 ≥ 1000		92.6 93.1	94.4 95.0	95.1 95.7	95.6 90.4	95.6 96.4	95.9	97.6	96.8	96.8	90.č	95.5	30.8 97.9	96.8 97.6	90.0 97.5	,
≥ 900 ≥ 800		93.3 93.4	95.2	95.9 96.3	90.0 96.9	95.6	97.2	97.8 96.2	97.8 98.2		98.0	93.7	≎3.0 ≎3.3	95.0	98.0	
≥ 700 - ≥ 600		93.4	95.5	96.3	96.9	96.9	97.5	98.2 98.4	95.2 98.4	98.3 98.5	98.c	98.4	98.3 93.6	99.3 94.6	98.3 98.6	98.4 98.5
≥ 500 ≥ 400		93.6 93.6	95.7 95.7	96.7 96.4	97.4	97.4 97.7	95.0 95.6	98.6	98.6	_ ,	98.9	98.9	9.5	98.9	98.9 99.5	
≥ 300 ≥ 200		93.6	95.7 95.7	96.8 96.6	,	97.8 97.8	98.8 98.8	99.5 99.5	99.5		99.8	99.3	99.8 99.8		99.5	99.5 99.5
≥ 100 ≥ 0		93.6 93.6	95.7 95.7	96.8 96.8	97.8 97.8	97.8 97.8		99•5 99•5	99.5 99.5	1	99.5	99.2			100.0 100.0	100.G 130.3

TOTAL NUMBER OF OBSERVATIONS_

83

USAF ETAC "HE M 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE DISOLETE

MATH PRUCESSING THANCH USAN STAC AIR SEATTER SEAVICE/ NC

CEILING VERSUS VISIBILITY

3---,71-77

1,0,000

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CELNG							viSi	BILITY STA	TUTE MILE	S						
EE	5.≎	≥6	≥5	≥4 ,	≥3 ,	≥2 =	≥2 .	≥1;	≥1 .	۱ ۱ خ	≥ .	≥`4	≥: ,	≥5 10	≥.	≥ა
NG CE.NG . ≥ 20000		1	41.9	42.점 54.공		43.4 55.1	44.0			44.0 55.0	44.0 56.J	44. i		44.7 20.0	_ 3	ار مرد اد میرز
5 ,8000	•	52.4 52.9		55.Q	55.4	55.5	5Z	22•5 30•6	50.0	56.8	56.3	56.7 55.1	50.3	55.9 55.9	50.0	200
≥ 14000 ≥ 12000		23.5 25.1	54.4 55.4	55.7 57.2	50.5	55.5 53.1	59	_7.2	57.3		57,5	57.7	57.5	57.5	57.x	57.4
> 0000 ≥ .		27.7		59.4 61.9	41	62.7	· .3	29.7	50.8	57.9	1	07.4 53.7	70.7	o^.q	60.3 43.7	57.4
≥ 9000 ≥ 7000		٥4.4 27.9	59.4	56.4 70.4	68.3	6°.0	7.3	38.7	66.8		48.7	63.4	7.1.4	0° • 9		- 1
≥ 6000 ≥ 5000		50.5 73.8	T - 1	72.2	73.4	73.Z 77.8	7 7	74.1 /8.6	74.2		74.3	74.7	74.3	74.3	74.3 73.9	. 1
≥ 4500 ≥ 4000		75.1 31.2		79.3 84.5	80.4	80.2 85.8	r • c	51.0	61.1		31.2	51.2 57.7	71.2 77.1	01.2 67.1	31.2 37.1	31•4 37•4
≥ 350C ≥ 300G		35.7	1	86.7 88.3	58.1 89.4	87.1 37.8	3.6	39.0 70.8	99.9	29.2 91.0		9.7	भद्र. ध	_ 1	39.4	
≥ 2500 ≥ 2000	:	34.4 57.5	88.5 -×9.5	90.7	92 · 1 93 · 1	92.1	9 . 8	93.2	93.3	93.4	93.4	93.4	73.5	93.5	93.5	43.7 7.2.7
≥ 1800 ≥ 1500		57.7 ê2.3	89.4 90.9	91.9	93.4	93.4	94.1	94.6	94.7	94.9	95.0	95.1	95.2 96.0	95.2 94.8	95.2 96.3	95•4 90•5
≥ 1200 ≥ 1000	1	39.0 50.2	91.4	93.2	95.0 95.0	95.0 95.5	92.9	35.4 97.3	90.5	96.7 97.5	96.0	96.7	97.0	97.0 97.6	97.0 97.0	
≥ 900 ≥ 800	1	59.7 59.7	91.4 91.4	93.7 93.0	95.6 95.7	95.7 95.2	7: •9 97•1	97.4	97.5 97.7	97.6 97.8	97.7	97.°	90.0 90.2	99.0	98.2	98 • 1 95 • 1
≥ 700 ≥ 600		20.2	91.5 91.6	93.9 94.1	95 • £ 96 • 1	95.9 95.2	97.3	97.8	98.0 98.2	98.1 99.4	78•2 78•c	98.3 93.7	98.4	98.4 95.8		
≥ 500 ≥ 400		39.7 39.4	91.c 91.d	94.1	96.4	96.4 95.5	97.7 97.6	98.3 98.4	96.4 98 4	98.7 98.8	98.9	98.9	99.0	99.0	99.3	
≥ 300 ≥ 200		39.4 39.4	91.8	94.3	96.5	96.7	90.1	98.7	96.9 96.9	99.2 99.2		99.4	99.9	99.6	99.9	,9.9
≥ 10¢ ≥ 0		89.4	91.8 91.8	94.3	96.5	96.7 96.7	96.1 95.1		98.9 98.9	99.2 99.2	99.4	99.5	99.8	,	100.0 100.0	

OTAL NUMBER OF OBSERVATIONS 53

USAF ETAC RESA 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

EATA PRUCESSING PRANCH USAF ETAC AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34055 HAHA AT / HO ISPULN WERMANY

<u>~=~,,7;-77</u>

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

210.-.30

CEILING						- 15	VISI	BILITY STA	iture Mile	s						
FEET	, ≥.0	≥6	≥5	≥ 4	≥3	≥2 -	≥ 2	≥1:	≥` *	≥١	≥ 4	≥ **	≥ :	≥5 16	≥	≥0
NO CEILING ≥ 20000		45.4 23.5	49.3 54.7		- 1	53.0 5°.9					54.2 63.3		54.4	54.2	54.2 53.3	24.2
≥ 18000 ≥ 16000		52.8 54.7	55.3 55.4	57.3 57.a		59.1 59.7	5 . 7	J). I		50.6	50.7		40.7	61.7	70.7	51.3
≥ 1400u ≥ 12000		55.1 56.4		58.7		00.5	د. <u>۱</u> ۵	01.5 52.8	51.6 53.0	63.3	^2+1 '3++	02.1	· 2.1	5?.1 02.4		51.4
≥ 10000 ≥ 9000	•	57.7		53.3 64.9		65.2	01.9 + 3.5	- ,	66.3 57.9	55.7 66.2	56.ĕ	60.4 65.3	0.0 5.3	55.4 02.3	ი.ა ნ.შ≃	
≥ 8000 ≥ 7060		54.2 56.9	65.a	58.1 71.1	70.4	70.6 73.7	71.3	71.6	71.7	72.0 75.3	72.2; 75.1	72.	72.2		72.2 75.4	
≥ 6000 ≥ 5000		57.2 70.3	68.₹ 72.⊎	71.4	73.8	74.i. 77.3	79	75.1 78.4	75.4 76.5	74.7 79.0	75.9 79.1		75.9 79.1		75.9	
≥ 450C ≥ 4000		71.4	73.4	75.1 80.4	78.0	78.9	7 · . 7	79.9 34.7	85.2 55.2	37.5 35.7	30.c	85.9	°0.6 °2.6	án.6	20.5 25.3	37.4
≥ 3500 ≥ 3000		75.9	73.7	84.5	84.5	84.7	97.5 35	56.0 39.0	86.5 59.5	87.0	87.1 90.1	87.1	27.1 0.1	87.1 9^.1	97.1	67.1
≥ 250C ≥ 200C	:	79.2 50.4	82.4	84.8 86.1	87.6	89.4	9 .2	\$9.4	89.8	90.3	90.4	90.4 91.0	30.6		90.3	91.9
≥ 1800 ≥ 1500	:	5∩.9 01.4	- ,	86.5 87.2	- 1	89.7 90.4	5 .7 9 .5	91.2	91.6 92.5		92.2	92.4	⁷ 2.4 ⁵ 3.2	92.4	92.4	92.4
≥ 1200 ≥ 1000		32.3 32.8	84.5	1	91.5	91.5	9.0	93.4	94.0	94.5	94.0	94.7	94.7 95.3	94.7	94.7	94.7 95.3
≥ 900 ≥ 800	- 49981	52.8 a2.9	84.9 85.4	89.0 89.2	92.1	92.4	5.59 6.59	94.0	94.7 95.0	95.2 95.5	95.3 95.0	95.5	°5.5 °5.7	95.5	95.5 95.7	95.5 15.7
≥ 700 ≥ 600	and in the last	53.€3	85.2 85.8	89.7 90.0	92.6 93.4	93.1	94.3	94.7	95.5 96.1	95.9 96.5	96.1	96.2 96.5	96.2 95.8	96.2 96.3	96.6	96.2
≥ 500 ≥ 400	- Marie Management	83.7 83.5	85.9 85.3	90.3 90.8	94.7	94.3 95.0	95.6	96.1	97.0 97.7	97.5 92.3	97.0 98.4	97.7 98.4	97.8 98.7	97.3	97,5	t
≥ 300 ≥ 200	and the same of th	83.5 83.6	86.3 86.4	90.8 91.0	94.7 95.0	95.0 95.2	9 ₆ .5	97.0	93.0 93.2	98.7 98.9	98.8	99.3	99.0		99.3	99.0 99.5
≥ 100 ≥ 0		83.6 53.6	86.4	91.0	95•0 95•0	95.2 95.2	9 ₀ . 8	97.3	98.3 98.3	99.3 99.3	99.5	99.6	99.8 39.£		99.9	

TOTAL NUMBER OF OBSERVATIONS.

837

USAF ETAC AT 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLET

MATH PROCESSING TRAINS USAF ETHC AIR EATHER SERVICENTHS

CEILING VERSUS VISIBILITY

34355 4mH1: 00/H

3-77

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEIUNG							ViS	ABILITY STA	JUTE VILE	:5						
£66.	≥10	. ≥6	≥5	≥ 4	≥3	≥2 7	≥3	≥1 :	≥'.	≥'	≥ -4	≥ , ,	≩ :	≥5 16	≥.	≥c
NO CEILING		27.4	40.d	42.3	43.0	43.5	44.2	44.5	44.5	44.8	44.3	44.7	44.3	44.4	44.0	
≥ 20000		45.8	47.L	46.5	50.	50.1	5.7	51.0	51.1		51.9	51.4	51.4	51.4	51.+	3.00
≥ 18000		+ 3	47.5	49.1	50.3	joo.5	5 1	51.5	51.5	51.ª	51.9	51.3	5 1 . F	51.9	51.7	٠٠!ر
≥ 16000		45.5	<u>47.8</u>	49.3	<u>50.d</u>	<u>>0.8</u>	<u> </u>	21.a	51.9	52.L	52.Z	5?.	52.2	52.7	52.2	
≥ 14000		+7.2		:	51.4	51.5	51	52.5	52.ď	52.S	32.4	52.7	-2.9		52.7	
≥ 12000		42.4	49.9	51.5	53.1	57.1	5.7	79.1	54.2	34.4	<u>54,5</u>	54.5	54.5	54.5	54.5	
≥ 10000 !		1 57.9	52.4	53.7	55.4	55.5	5,.1	56.4	50.Q	ૐ6.લૅ	56.3	50.7	50.9		56.4	56.0°
≥ 9000		52.4	53.7	55.4	57.1	57.2	5 . 5	8.1	58.3	<u>55.5</u>	58.0	55.3	50.0			
≥ 8000		55.9	57.3	59. L	60.7	01.9	6:.5	52.0	52.2	52.4	62.3	52.5	42.5	62.5	62.5	υ2 • 5
≥ 7000		>7.5	59.L	50.4	62.4	02.8	€.5	€ <u>.5</u>	54.1	64.4	<u> 24.4</u>	64	54.5	04.5	54.5	
≥ 6000		>7•5	50.L	61.3	63.4	63.9	5,,6	55.1	65.3	65.5	^5.S	65.4	45.0	65.5	65.4	05.0
≥ 5000		21.3	63.0	64.9	<u>66.0</u>	54.9	٠.6	58.0	58.2	63.5	58.5	63.5	<u>ಾರಿ.೦</u>	63.6	60.0	
≥ 4500		ຸ່ວາ•າ	54.7	66.0	68.0	08.7	0.34	59.5	7., 1,		70.3	70.3	79.4		70.4	
≥ 4000		37.3	59,1	71.1	73.	77.3	71	74.6	74.9	75.1	75.4	75.7	75,3	75.3		
≥ 3500		59.7	71.q	73.7	75.₹	75.9	7, .8	77.3	77.5	77.8	77.∄	77.9	77.9	78.c	ب. 78	78∙€
≥ 3000		72.7	74.d	76.9	79.2	73.3		.0.7	81.0	8:.3	31.4	51.4	21.5	81.5	31.5	
≥ 2500		74.7	75.4	79.2	81.4	51.6		53.2	33.5	63.7	83.d	63.7	£3.9	84.d	94.C	64 €
≥ 2000		74.7	78.8	31,3	83.7	83.8	£4.7	25.4	85.7	86.0	P6.1	86 · i	³ 6.2	85.2	80.3	<u>არ•</u> :
≥ 1800		77.2	79.3	81.9	84.2	84.3	3.03	06.d	86.3	85.6	36.7	86.7	°c.8	86.8	86.0	36.6
≥ 1500		75.9	31.4	ĉ3.7	85.1	86.4		33.1	88.4	38.7	28.8	85.7	56.9	89.0	89.	9.0
≥ 1200		79.4	82.0	64.6	87.5	87.6	35.7	69.5	39.3	90.1	90.4	90.7	90.3	90.4	90.4	
≥ 1000		€^•5	82.8	35.8	38.6	83.7	27.9	90.6	<u>91.0</u>	91.3	91.4	91.4	<u>1.5</u>	91.6	91.6	71.5
≥ 900		80.5	83.0	85.9	88.9	89.0	95.2	91.0	91.3	91.6	31.3	91.9	71.8	91.9	91.9	31.3
≥ 800		61.7	23.7	35.3	<u> </u>	89.9	91.2	92.0	92.3	92.7	92.0	92.3	32.9	97.9	93.0	93.
≥ 700		81.5	54.0	87.3	*0.3	90.4	91.9	92.7	93.1	93.4	93.0	93.6	93.7	93.7	93.7	93.7
≥ 600		31.9	84.4	87.9	91.1	91.2	9).8	95.6	94.1	94.5	34.0	94.7	94.7	94.8	94.5	74.
≥ 500		62.0	84.7	88.3	91.0	91.9	95.6	94.6	95.1	95.5	95.7	95.7	75.8	95.9	95.9	95.5
≥ 400		92.1	34.8	88.6	92.4	92.5		95.6	96+1	96.6	96.0	96.9	77.0	97.0	97.0	3700
≥ 300		82.2	34.9	88.7	92.0	92.8	94.8	96.2	96.5	97.6	97.d	97.9	98.1	96.2	98.2	98.3
≥ 200		52.2	85.0	86.8	92.8	92.9		96.5	97.2	99.1	98.4	98.5	36.0	99.0	99.1	99.1
≥ 100		62.2	85.Q	88.8	92.0	92.9	97.1		97.3		98.7	98.9	99.2	99.4	99.5	
≥ 0		12.2	85.d	88.9	92.6	93.0		96.6	97.3	98.3	98.7	98.8	99.2		99.7	100.0

OTAL NUMBER OF OBSERVATIONS ________70

USAF ETAC AREA 0-14-5 (OL A) MEMOUS EDITIONS OF THIS FORM ARE DISCLET

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HATA PRICESITED READER
USAF ETAC
AIR MEATHER SERVICE/THE

34000 Hatte A7/40 5- CR 7 4 1

CE!LING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS)

1845NG							VISi	BILITY STA	TUTE MILE	S						
EE '	≥ °C	≥6	≥ 5	≥4 ,	≥3 .	≥2 -	≥2 :	≥'.	≥1 .	≥ .	≥ '4 ,	≥ .	≥: .	≥5 :ა	≥ .	23
NC 3EH/NG ≥ 20000		49.7 52.4	54.7 54.7	58.4 58.4	50 · 3	50.3 6 .1	5 . 3	, 8 . 6 2 . 5	9.0C	5×.9	-	59.1 62.5	٠,d ج.ن-	50, ¥	59.3 52.7	27. T
≥ '8000 ≥ 5000		>7. 7 >7. 9	55.3 55.4	58.7	60.4	57.4	5 . 3 4 . 7	22.3 2.9	65.1	07.1	53.1	63.7	^3.4 '5.3	33.2 33.3	53.2 53.2	33•2, 25•4
≥ 14000 ≥ 12000		27.2 24.7	55.9 57.4	59.Z	61.4	67.5		3.3	7. دَهُ 2. دِهُ	63.7 65.2	^3.7	53.4 65.3	اه. و- اد. ز	53.7 5°.3	53.3 55.3	اد ان اد ان
≥ °0000 ≥ °0000		27.5 22.5	59.4 59.0	03.4 6.60	54.7 55.	64.7	4. 4	07.10 07.40	57.4 57.7	67.4	;7.4 :7.7	57.4	÷7.≓ -7.₫	57·引 67·当	رخ.70 لا .75	57.3 57.4
≥ 9000 ≥ 7000		2°.7	60.7 01.0	ا. 55 1. 66	50.7	50.3 03.4	· · · · · · · · · · · · · · · · · · ·	09.2 71.0	69.6	71.3	r9.a	71.4	~ 7 . 7 7 4	c?。問 71。問	29.0 71.5	3°•3
≥ 500C ≥ 500C		,°•1 59.9	52.2	66.7 67.4	70.	77.0	7.02	71.5	71.5 73.0	71.8 73.0	71.5	71.7 73.	71.9 71.5	72.3	72.3 73.2	72•3 73•2
≥ 4500 ≥ 4000		۳.°c لا.تي	03.9 30.3	68.5 71.7	71.1	71.4	7 .5	73.9	74.2	74.2	74.d 77.7	74. ¥	74.3 77.0	74.4	74.4 75.3	7++4 74. %
≥ 3500 ≥ 3000		54.8 65.0	59.1	73.3 74.5	76.3	76.3 77.0	77.3	79.5 al.3	79.9	79.9 81.7	79.9	51. T	F O	87.1 81.9	Sv.1,	50 · 회 51 · 개
≥ 2500 ≥ 2000		26.7 27.7	70.4	75.2 75.9	75.7 79.0	79.5	9.4	\$2.0 \$2.9	82.5 83.3	83.3	92.5	62.4	°2.0	82.7 33.5	52.7. ₹3.3i	37. T
≥ 1900 ≥ 1500		67.1 58.1	70.4 71.4	76.0 77.3	79.7 80.0	79.7	8 .4	34.1	84.5	83.4	83.4 24.3	83.뒤 34.시	73.5 34.6	83.5 84.9	33.6	3 · · · · · · · · · · · · · · · · · · ·
≥ 1200 ≥ 1000		28.9 50.2	72.3 72.8	77.8 78.4	85	31.5 32.0	8.4	65.1 35.7	85.5 80.2	85.5	35.5 30.3	35.5 86.4	35.6	86.7	85.4 86.7	35.3 53.7
≥ 900 ≥ 800		00.8	72.9 73.4	78.5 79.4	82.2	82.2	34.1	85.8 85.9	80.3 37.4	86.5	26.5 27.7	86.7 87.9	20.7 37.8	86.9 83.1	85.4 85.1	c≎•¾ 1•€c_
≥ 700 ≥ ±000		77.5	74.3 74.7	30.2 80.9	84·1 85·2	84.1 85.3	36.2 87.4	89.0 89.1	38.5 39.7	86.9 90.1	86.9 90.1	89.1 70.7	99.1 70.3	89.4 90.5	39.4 90.5	80.4 90.5
≥ 500 : ≥ 400		71.1	75 • 1 75 • 2	81.7	85.5 86.5	85.9 86.6	86.1	90.1 71.1	90.8	91.2	92.3	91.4 92.5	91.4	91.6	91.5 92.7	91.5 92.7
≥ 300 . ≥ 200		71.1 71.1	75.2 75.2	82.2 82.2	87.3 87.5	87.6	69.9 92	92.2	92.8 93.2	94.1 94.7	94.1	94.4 95.3	94.5 95.5	95.2 95.3	95.4 96.3	95•2 75•3
· ≥ 100 · ≥ 0		71.3	75.4 75.4	82.4 82.4	88.0 88.0	88.1 88.1	9:00	93.0 93.0	93.9 93.9	95.9 95.9	96.1 96.1	96.9 97.1	97.3 97.4	98.4 98.5	98.5 98.8	95•9 L:0•J

TOTAL NUMBER OF OBSERVATIONS_

725

USAF ETAC AR SA 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLE

-416 54 0:551 0 183 76 -546 5140 -416 54103 35910 183 76

CEILING VERSUS VISIBILITY

44023 Hat. ARTHE SPECK STEPLIY

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS:

. S.B. TY STATUTE MILES , ≥1C NO CERNO 90.7 42.d 44.8 40.8 47.1 + .l ;3.2 50.2 5°.9 51.4 51.4 51.4 51.7 52.3 52. 45.4 47.4 50.7 ≥ '8000 ≥ '8000 د غر 55.4 55.5 و 35.4 41.7 44.1 46.5 49.0 50.2 5 .5 33.5 53.8 54.4 54.7 54.7 = 55. £ 55. a 55. J 11.7 44.1 45.3 49.3 57.2 .9 53.8 53.8 54.4 -1.9 44.4 +5.4 47.4 5 .4 5 .7 34.1 54.1 54.8 55.2 55.4 42.9 45.3 47.7 50.3 51.4 5 .9 35.3 55.3 50.0 50.3 56.3 ≥ 14000 55.4 55.4 50.1 56.5 ≥ 12000 57.1 ≥ 9000 ≥ 9000 45.4 48.4 50.4 54.4 54.6 5..1 53.6 50.7 59.5 59.7 59.7 44.7 49.2 52.1 55.7 56.3 5 .d 50.3 50.4 61.3 51.7 61. ≥ 8000 53.7 03.7 47.9 50.4 53.2 57.3 53.4 5 .5 c2.0 62.2 b3.2 05.7 55. 58.4 59.9 6 54.4 ~ 3 . 4 ≥ 6000 ≥ 5000 -P.9 51.d 54.5 59.d 50.7 5, .4 54.1 54.2 65.3 55.7 65.7 A5.8 56.3 65.3 57.2 ≥ 4500 ≥ 4000 on. 9 53.4 50.6 61.4 62.7 0: . 3 07.4 07.5 08.8 69.4 69.7 55.2 59.7 54.4 55.1 73.5 72.0 72.5 ≥ 3500 53.1 55.6 60.0 65.4 66.0 4 .5 71.6 71.7 73.0 73.0 73. 57.1 01.4 65.3 57.5 • G. 73•1 73.2 75.1 75. 75.7 ≥ 2500 ≥ 2000 54.9 57.0 51.0 67.4 68.1 71.9 73.6 73.9 75.2 70.0 76.5 77.0 77.5 75.d 75.9 58.2 62.4 68. 70.5 74.4 ≥ 1800 ≥ 150% 76.2 76.9 77.2 77.8 74.9 75.9 1.º3 k.86 E.Sc R.66 72.6 74.8 77.7 77.1 77.5 78.i 59.0 63.4 69.4 70.9 75.3 78.5 ≥ 1200 ≥ 1000 57.4 50.2 64.7 70.5 57.1 61.0 65.9 71.7 71.2 77.2 79.5 60.1 80.5 77.d 79.1 79.7 79.7 8C.4 8C.5 72.4 75.9 73.2 78.4 19 E.18 900 908 51.4 56.3 72.3 72.9 75.5 78.9 80.3 81.4 81. 71.5 ≥ ≥ 78.7 53.4 31.6 92.5 73.5 61.9 67.4 50.2 60.d 82. 5°.6 62.9 65.3 74.7 75.4 5°.3 63.0 / .8 75.1 75.7 79.7 21.5 81.7 83.1 84.1 84.3 79.7 21.9 82.2 83.5 94.5 84.7 85.2 95. 700 ≥ 500 70.7 75.6 75.2 30.5 63.0 51.7 84.3 87.d 37.3 85.9 85.1 37.5 87.9 59.9 63.3 01.4 83.3 84.9 500 400 C.07 54.d 70.d 76.d 77.2 84.6 86.6 64.4 70.4 77.3 78.0 90.1 300 92.5 85.1 85.5 88.0 89.4 89. 90.6 91.4 92 • Q 78.3 35.9 35.6 33.0 65.7 70.4 77.6 86.1 88.8 90.3 91.7 85.3 89.4 91.3 57.3 93.7 70.5 77.7 78.4 95.4 100 03.4 77.7 85.7 86.3 89.4 91.3 92.4 94.7 96.4100.3

TOTAL NUMBER OF OBSERVATIONS_

<u> 93</u>

USAF ETAC AR 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PRICESTAG BRAICH USAF ETAC AIR REATHER SERVICENIAC

CEILING VERSUS VISIBILITY

24058 Hur. 21/40 27062 4784411

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

332-246

IBRING FEET							V1\$15	STA	JÆ WILE	š						
	3.0	≥a	≥5 .	≥4	≥3	≥2 -	≥:	≥	≩`•	₹.	≧ ∿	≥ ¥	≥ -	≥5 '5	≥.	≥3
NO CEIL NG ≥ 20000		23.7 25.4	34.5	36.9 39.3		41.E				47.5 47.5			13.4	*4.3		44.2
5 ,9000 5 3000		35.5 35.7			43.5	44.1	d	.6.7 .2.9	47.0		-8.j	47.1.	-a.l.	47.3	48.4 45.3	
≥ 14000 ≥ 12000		34.9 34.9	36.1 29.1	٠,	-1	44.€ 4>.€	ال نخ. ۵		40.1	4 ° . 9	49.4	47.	-7.4	49.84 51.7	49.7	2(• i)
≥ 1000C ≥ 400C			41.3	44.7					52.7	53.51 55.5	53.7	53.5 55.7	53.7		54. y 50. x	33.
≥ 9000 ≥ 7000		47.F		48.4		33.9 35.3	5 . Ž	ु7.ह		59.4	59.5	57.4 61.1	53.7		53.4	
≥ 6000 ≥ 5000		44.4		50.5 51.2		50.3 50.8	5 . 7	22.4	ói.l		.2.3	c2.7	52,4 53,2	62.7	52.#	23.A 24.T
≥ 450€ ≥ 4000		.5.7	46.3	1.5¢ 53.5	57.3	27.5 57.4	5 . 5 5 . 6	52.8	63.4	04.1	54.3	C+•4 O≎• 1	٠٥. غ م	64.7	67.5	- (
≥ 3500 ≥ 3000		37.7 49.1	50.3 51.3		60.7	6^.3 02.2	رد. به اید. به	_5.3 _7.1	60.1: 53.1	67.2 69.1	59.4	67.5 69.5	47.7.	72.0	اد.56 ت.ر7	58.T
≥ 2500 ≥ 2000		5^•d	,			03.2	50.3 57.4	28.2 29.1	69.1 70.1	70.2	70.4	70.5 71.5	70.8 71.7	71.1	71.4	7:.3
≥ 1500 ≥ 1500		50.0	53.6 55.4	5	64.2 65.1	64.5	47.8 7d	09.6 71.8	73.3	71.6 73.9	71.2	71.9 74.7	72.2	72.5	72.8 75.1	73.2 75.5
≥ 1200 ≥ 1000		54.3	57.4 57.5	61.8 k.50	58.4	69.5	72.5	74.4	75.4	75.5	76.7 77.7	76.약 77.역	77. J	77.3	77.d 73.7	76.i
≥ 900 2 800		34.6 35.4	58.7 59.4	63.1	70.2	70.6	74.4 75.1	3.5 73.4	77.6 79.6	78.7 85.6	78.9	79.7 El.7	75.4	79.6 31.5	79.9	5
≥ 700 ≥ 60x		56.1 55.7	60.3 61.0	65.5 66.3	73.3	73.8 74.9	7±.0 79.1	51.8	81.4 83.0	82.5	82.8	82.9 84.9	4 غ. ا ج 4 - ت	83.4	25.8	34.2 :5.3
≥ 500 ≥ 400		57.0 57.3	61.5	67.0 67.4	75.6 76.3	76.8 76.8	80.4 8:.3	34.2	84.7 85.8	87.3	86.2 87.6	86.3 8°•1	26.7 28.3	87.5	87.3 88.9	67.7 .e.
≥ 300 ≥ 200°		57.3 57.3	51.d	68.0 68.0	77.2	77.6 77.8	82.7 82.9	55.8 86.2	33.0 88.5	89.6 90.5	90.1	90.₹ 91.∃	93.9 92.4			94.3
≥ 100 ≥ C		57.3 57.3	51.8 61.8	68.d 68.d	77.4		83.0 33.0			91.4			94.1 94.1	96.2 96.2		

TOTAL NUMBER OF DESERVATIONS 930

USAF ETAC #084 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLE

HATA PRICESULA TEN TO USAF ETAC AIR FAIRER SERVICE/ IN

CEILING VERSUS VISIBILITY

ANH. AT/HU SPULK OFFER Y

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS.

visitativite wites IE NG ≥÷ 25 5 NT CELNS وه من شخص سنون من من من في من قرمه في من من في في الله في الله في الله الله الله الله الله الله الله ≥ 2000C 47.8 49.4 49.4 4 ≥ 8000 44.1 46.4 48.5 50.7 20.4 5 .5 50.6 5 .6 50.6 50.6 50.6 50.6 46.7 67.1 48.1 53.4 .d -3.9 56.9 57.9 5. 9 <u>1.1</u> 45.1 47.4 49.2 51.4 51.5 5.4 51.0 51.0 51.6 51.2 51. 46.1 48.4 50.2 52.9 52.6 1.6 -2.7 52.7 52.7 52.7 52. ≥ 14000 > 2000 54.3 50.4 56.4 57.4 50.0 _9.2 59.4 50.5 59.3 57.4 > 7000 54.4 57.8 59.7 57.7 5: . 3 - 0.0 0^.2 30.1 <u> 20.2 60.1</u> ≥ 5000 ≥ 5000 56.3 59.2 61.4 61.5 4 .3 51.8 51.8 67.3 42.1 62.4 42.2 67.8 57.7 50.4 59.4 62.1 67.7 6..2 62.4 62.5 67.6 62.4 67.7 6 55.4 59.4 62.7 64.3 6.3 6.3 6.4 7 64.6 64.9 64.9 65.1 7 ≥ 4500 ≥ 4000 ≥ 3500 ≥ 3000 56.0 69.0 71.9 71.9 72.2 72.4 72.5 72.6 72.0 72.7 c5.6 71.9 74.4 74.6 74.8 74.9 75.1 75.1 75.1 ≥ 2500 ≥ 2000 04. 9 05. d 71. 4 79. 4 ≥ '800 ≥ :200 ≥ :000 85.4 5_.8 45.2 86.4 ap.4 72.9 77.1 81.7 85.4 86.3 K.02 R.36 E.38 77.4 82.3 77.4 82.9 86.1 50.4 37.0 87.1 37.2 87.2 87.7 87.3 82.3 85.1 ≥ 800 37.5 1.98 L.99 D.96 R.88 B.86 87.5 86.9 87.4 89.9 90.0 90.1 90.1 90.2 90.2 90.2 90.2 97.2 89.4 9..0 91.3 91.4 91.6 91.5 91.7 91.7 91.7 91.7 90.4 92.0 93.1 93.7 94.0 94.0 94.1 94.1 94.1 94.1 94.1 94.1 ≥ 700 ! ≥ 600 78.4 83.7 88.9 89.4 74.1 79.1 84.2 79.4 54.6 90.3 79.4 84.4 91.1 91.7 94.2 94.3 94.9 95.3 95.4 95.5 95.2 95.5 75.5 92.2 94.3 95.7 95.6 97.5 97.6 97.6 97.8 97.8 97.8 97.8 97.8 97.7 92.7 94.5 96.9 98.3 98.4 98.7 93.8 98.9 98.8 90.1 ≥ 300 ≥ 200 74.3 79.3 85.4 92.4 92+0 85.4 9-.6 96.1 97.6 98.7 98.8 99.1 99.5 99.6 99.7100.0 99.5 79.5 85.4 92.3 100 92.4

TOTAL NUMBER OF DESERVATIONS.

USAF ETAC MAIN 0-14-5 (OL A) MEMOUS EDITIONS OF THIS FORM ARE DISOUTE

92.2

UATA PRICESSIEG OKA CH USAF ETUC AIR EATHER SERVICEVING

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

9.85							* £.3	5. TV ST#		5						
· €€** *	2 :	≥.	<u></u>	2 :	23	2.:	≥:	≥	≥ .	≥	<u> </u>	≥ •	2	25.5	<u> </u>	≥.
₹ 70000 2 70000							·					-				_
2 3000 2 5000			47.∠ •7.≥	-		-	·			45.5					44.5	
2 4000 2 7000			+6.4 +9.4		-	_	L			4°.1'					•9.↓ 51.₫	-9.1 51.1
≥ 10000 2 9000							5.9									
2 °XX 2 °XX		57.4	50.3	59.8	50 · u	0 .5	6. d	-, 3 • ਜੋ	5,.8	o • ∺	26.0	ະ້-້	^ J.6	ું •ે	5 ₽ . ≇	, , ,
≥ 5000 ≥ 5000		s^.5	21.0	06.5	53.4	61.9	3 3	24.0	54.Q	00	19.1	64.1	<u>4. با</u>	64.7	- 4 <u>a</u>) u • 1
2 4500 2 4000		J*.5	26.4	1.30	59.	23.L	6.4 5.4	. 9.2	59.2	57,2	49.4	53.7	1.4	c`• <u>2</u>	20.2	J 3 + 2
≥ 35.C ≥ 3000		74.7	76.2	77.5	76.7	78.7	7 2 7 <u>d</u>	73.8	78.8	72.5	78.3	74	"d	?ጉ.ቑ	75.₫	79.0
≥ 2500 ≥ 2000			34.1	85.5	87.2	<u>87.2</u>	7 . 9 7 . 4	-7.4	57.4	87.4	37.4	â7. ×	° 7.9e	37.4	<u>°7.</u> +į	37.4
≥ '900 ≥ 500		34.5	∂6•đ	89.1	90 - 4	97.3	9, 4	91.1	91.1	91.1	51.15	91.1	71.1	21.1		• [•]
≥ 200 ≥ 200		35.3 35.3	88.9	91.5	93.3	93.7	9. \$ 9. 9.	93.9	93.9	93.9	73.9	93.7	e3.9	93.9	93.9	93.1
≥ 900 ≥ 900		24.7	89.2	91.4	94.2	94.2	97	94.7	94.7	94.7	94.7	94.7	74.7	94.7	94.7	74.7
≥ 700 ≥ 500			90.3	93.d	95.7	95.7	93.5 93.2	90.3	90.3	92.6	96.7	95.7	36.7	94.7		75.7
≥ 500 ≥ 400 ≥ 300 ·		37.7			96.3	96.5	97.3 97.5 97.6	?7.7	97.5	98.1	98.4	98.3	93.2	95.2	9 . 2	38.2
≥ 300 ≥ 300		57.9	90.8	93.4	90.5	95.6	97.0	98.0	98.4	99.O	29. I	99.1	79.L	90.1	99 <u>. l</u>	,9.d
2 0	<u> </u>	87.9	90.ä	93.4	96.3	95.6	97.4	?8.Q	98.0	90.Q	99.	99.3	29.2	92.4	99. a	100.

USAF ETAC 44 0-14-5 (OL A) MEMOUS FORMS OF THIS FORM

MATH PROCESSING MANGE USAF STAC AIR EATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34825 HATE AT /HUT STUCK USET A IY

2-7;

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

120:-170:

CEILING							V-5'1	B. TY STA	TUTE WILE	\$,
.eft,	≥10	≥6	≥5	≥4	≥3	≥2 ;	≥ ?	≥••	≥1 .	≥,	≥	≥ ,	≥ -	2518	≥ .	≥0
NO CEILING ≥ 20000		4^.q	41.4 42.4		42.4 50.4	42.2 50.4		-2.3 23.5	42.3 50.5		42.3 50.2	42.3 50.5	42.3	67.2 50.5	42.5 50.5	97.44 59.50
≥ 18065 ≥ 16000		49.5	50.2 20.8		51.1 51.1	51.5	*;	31.2 31.4	51.4 51.4	51.2	51.4 51.4	51.4 51.4	51.4 51.4	1	51.4 51.4	
≥ 14000 ≥ 12000		5^.d 52.5	51.4 53.5		54.4	52.6		34.4	52.7	52.7 54.4	52.4	52.7 54.4	54.7 54.4	52.7	52.7 54.4	24.4
≥ 10000 ≥ 9000		37.6	58.9 60.3		60.4	67.2 51.6	53	33.3	51.7		60.4	61.3	(0.3	61.8	50.3	00.3
≥ 8000 ≥ 7000		03.4	54. J	68.2	65.9	7.00	ეც• ძ ბ•1	65•q	66.6		50.7	50.7 67.4	50.7 59.4	9.4	69.4	31.4
≥ 6000 ≥ 5000		47.5	68.1 71.1	69.3	70.4	75.3 73.0		70.4 /3.1	70.4	70.6	70.0 73.3	70.5	70.6 73.2	72.3	70.6	7: • 4
≥ 500 ≥ 4000		71.7	72.4	_ 1	74.7	74.3	7,.1	75.1. 19.9	75.1	75.3 5^.1	75.4 ac.1	75.2 83.1	75.3 90.1	75.3 30.1	75.3 90.1	75.3
≥ 3500 ≥ 3000		15.5	33.9	1	83.u	82.1 85.3	a . 4	33.4	83.4	53.7 87.0	\$3.7 27.0	83.7 87.1	33.7 27.0	83.7 87.0	83.7	57.0
≥ 2500 ≥ 2000		84.5 85.1	30.3	88.U 89.Z	89.2 90.0	89.4		91.2	91.2	90.0	90.0	90.1 91.4	90.1	90.1	90.1	90.1 71.7
≥ 1800 ≥ 1500		35.4 85.0	87.7 58.4	89.5	91.2	91.3	51.5	-1.5	91.6	92.0 93.2	92.0	92.0	92.2 93.2	92.2	92.2	92.4
≥ 1200 ≥ 1000		84.5 87.4	89.0 20.3	91.4	93.1	93.3	. 9	94.0	94.d	94.2	95.0	94.2	74.3 95.9	94.3	94.3	14.3
≥ 900 ≥ 800		67.4 88.0	90.5		94.5	95.1 95.6	95.8	95.9	95.9	96.1 96.7	96.1 96.2	96.1	96.2	96.2	90.2	96.4
≥ 700 ≥ 600		88.7 83.7	91.4		95.9	96.1	97.0 97.1	1	97.1	97.3	97.5	97.4	97.5	97.5	97.5 97.6	1 1
≥ 500 ≥ 400		88.4	91.4		96.5	96.7	97.6	97.8 98.0	97.8	98.1	98.2 98.4	98.2	98.3 90.5	94.3	98.3	
≥ 300 ≥ 200		88.4 88.4	91.4 91.4	1 1	96.5	96.7 96.7	96.0 90.0	98.2	98.4	98.7 99.0	98.0	99.6	99.1	_ 7		1
≥ 100 ≥ 0		88.4 88.4	91.4 91.4		96.5 96.5	95.7 96.7	98.0	98.3 98.3	98.5 98.5	99.0 99.0	99.4		190.0			1

TOTAL NUMBER OF OBSERVATIONS_____

USAF ETAC 1014 0-14-5 (OL A) MEVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

930

DATA PRICESSING PRANCH USAF LTAC AIR LATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14075 HAHR AR MUTSPUCK DERMA TY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

120, -, 00.

CELING							V15	Bruty STA	TUTE MILE	5						
F5ET	≥10	≥6	≥5	≥ 4	≥3	≥ 2	≥ ?	≥,	₹, •	≥1 ,	24	≥`,	≥ 5	≥516	≥ .	≥0
NO (EILING ≥ 20000		48.9 24.4	49.4 50.1	50.5 50.1	51.i	51.1 59.8	5 . 4	:1.4 24.8	51.5 59.4		1.5 59.4		51.5 5).4		51.5 57.4	
≥ 18000 ≥ 16000		24.8 25.3	}	}	59.4 59.5	50.4 50.8	•	9.65 <u>3.20</u>	59.9 53.3		59.9 <u>K.JA</u>	59.9 69.3	59.9 10.3		59.7	29.5
≥ 14000 ≥ 12000		54.7 59.7		62.3	63.5		_54.g	54. Q	54.1	51.3 64.1	54.1		~1.3 ~4.1	01.3 64.1	51.3 59.1	01.3 04.1
≥ 10000		υ2.3 α3.5		57.7	69.3	69.1	7.1	73.1		7: , 2	58.0 70.2	77.0	75.2	72.2	50.0 70.2	
≥ 8000 ≥ 7000		69.0	71.4		75.8			76.5		74.6		76.4	74.5 76.6	76.5	70.0	7.,. 3
≥ 6000		72.8	73.9	78.2	80.4	77.6 80.4		51.2	91.3	75.3 31.3	1.3	51.3	76.3 6.1°	01.3	78.3	.11.4
> 4500 ≥ 4000		74.7	30.4	82.8	85.2	87.5		34.1	83.3	35.2	70.2	63.2 86.7	°3.3	65.2	93.3	
≥ 3500 ≥ 3000		78.7	83.1	84.7		87.4 89.6			38.4 59.6		29.9		29.4	60.9	39.9	69.4
≥ 2500 ≥ 2000		81.5	35.2				9,.9	30.9	91.8	91.3	92.2	91.3	34.2	92.2	91.3	12.2
≥ 1800 ≥ 1500		81.0	85.4	88.2				92.5	92.6		92.9	92.6	92.6	92.9	92.9	72.1
≥ 1200 ≥ 1000		82.5	36.1	88.8	92.4		93.7	93.7	92.8	94.1		94.1	93.1	93.1	94.1	74.1
≥ 900 ≥ 800		87.6	26.9		93.1	92.8 93.2	79.4	94.4	93.9		94.9	94.3	74.2	94.0	94.9	
≥ 700 ≥ 600		83.2	87.5	90.2	93.9	93.7	95.4	95.6	95.6 95.6	96.2	96.4	95.5	95.5	94.2	96.2	40.2
≥ 500 ≥ 400 ≥ 300		83.7	87.6	90.4		94.1	96.2	95.8	96.2 97.1	97.6	27.6	97.5	07.6	97.6	97.0	77.C
≥ 200		83.7		90.4	94.7	94.3	95.2	97.1		98.3	58.5		98.7		98,7	28.7
≥ 100		83.7		90.5		94.4		97.2 97.2							. •	

AL NUMBER OF OBSERVATIONS 93

USAF ETAC PUR 04 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PRICESTING TRANSMODULAN ETAL ALENGEN SERVICES AC

CEILING VERSUS VISIBILITY

3405 12H. 45/Hu 50 JCK OI KI A Y

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

210,-2300

CEILING							VIS!	Bilita 214	TUTE MILE	5						
FEET .	≥10	≥ه	≥ 5	≥ 4	≥ 3	≥2 - ,	≥ ?	٤ - ا	≥1.	2	≥	≥ .	≧ .	≥5 '6	≥ .	≥0
NO CEILING ≥ 20000			53.4	55.A 61.7	1		5,08	25.4 4.7	50.4		50.4	_1	7	52.4		
≥ 18000 ≥ 16000			58.4 58.4	61.7 61.4	63.1	63.4	6. A	8.4ن 1.5ء1	54.d 65.1	54.8 65.1	55.1		^4.頃 ^5.1	05.2	65.1 65.2	ا • دُن ترور
≥ 14000 ≥ 12000		5°.7c	59.1 51.1		63.4	64.9 55.3	;	ī	57.5	1	65.0	1	^5.₽	67.7	55.₫ 57.≒	07.4
≥ 10000 ≥ 9000		01.4 52.7	53.7 54.8		70.4	69.4 70.9	7 .4	71.0 72.7				71.7	71.U	71.1 72.8	71.2 72.4	71.4 72.7
≥ 8000 ≥ 7000		55.4	66.8 58.2	70.5 72.d	7	73.d 74.7			. ,	74.8 74.6	74.d	74.5	74.5	74.9		75。以 70。当
≥ 6000 ≥ 5000		c7.5	70 • 1 71 • 4				77.4	- 1		76.4 75.8	78.4	78.4	70.7 79.3		78.0 PJ.J	,
≥ 4500 ≥ 4000		5°.7	72.4		78.9 81.7		8,.3	,0.9 3.8	80.9 83.8	60.9 82.8	40.7 83.0	60.9 83.9	ار ان از ان ان ان ا	61.0 33.9	31.1	64.1
≥ 3500 ≥ 3000		72.9 74.2	75.4		83 · 1	37.3 84.9	84.7	55.3 5.9	85.3 86.9	85.3 35.9	₽5.3 ₽6.9	85.7	35.4	85.4 87.0	85.5 ግ7.ዚ	57.d
≥ 2500 ≥ 2000		74.6	77.0 78.8	- 1	85.4	85.6	87.0 88.5	۵7.6 39.4	87.5 89.4		57.5 89.4	87.1 69.4	27.5 59.4	37.7	57.8 29.5	33.7
≥ 1800 ≥ 1500		75.9 76.0	78.9 79.1	83.5 83.8	87.1 87.5	87.3	80.8	39.6 90.2	89.5 90.2	89.7 90.3	1.68 E.09	89.7 90.3	7.98 E.C ^o	59.8 91.4	- 1	20.0 20.5
≥ 1200 ≥ 1000		76.1 75.5	79.2 79.8		87.8 88.4	88.1 88.5	87.7 9.4	90.5 91.3	90.5 91.3	90.6 91.5	90.0	90.5 91.5	90.0	90.8 91.6		91.0 91.5
≥ 900 ≥ 800		76.7 77.1	79.8 80.4	_ 1	88.0 89.0	89.8 69.7			91.5 91.9	91.7 92.2	91.7	91.7 92.7	91.7	91.8 92.3	:	92.0
≥ 700 ≥ 600		77.5 77.5	80.0 80.6	85.7 85.5	89.8 89.9	90.0	91.8	92.7	92.7	92.9 93.4	93.4	92.9 93.4	92.9	93.0	. 1	73.2
≥ 500 ≥ 400		7º • 0			90.9	91.1	93.3 93.3	94.5 95.1	94.5	94.7 95.7	94.7	94.7 95.7	94.7	94.8		95 · 1
≥ 300 ≥ 200		78.1 78.7	51.4 81.5		91.4 91.6	91.8	94.4	95.8			9646 97.0	96.8 97.2	96.4	97.0 97.5	97.0	97.7
≥ 00		78.2 78.2		87.2 87.2	91.6 91.6		94.4			97.6 97.6	97.7	98.5	98.c	99.2 99.2	99.5	

TOTAL NUMBER OF OBSERVATIONS...

93(

USAF ETAC FORM 0-14-5 (OL A) MEVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PRICESSING MAALCE USAH ETAC AIR LEATHER SEPVICEY FAC

CEILING VERSUS VISIBILITY

34025 HAHL AS / HC ISPUCK GERMALY

3-77

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOC45 : 5 *

CEILING							vis:	BILITY 'STA	ATUTE MIL	ES						:
FEET	≥10	≥6	≥5	≥4 .	≥3	≥2 7	≥2 :	≥1;	≥1.	≥,	≥ 1,4	≥′•	≥ 7	≥ 5 16	≥ .	≥0 :
NO CEILING ≥ 20000		42.0 47.3	44.0	45. A 51. Z		47.2 53.0	4 . 9	:4.3	40.5	45 • 6 54 • 6	48.7	49.7 54.7		45.7 54.3	48.7 54.1	.,⊅.∪
≥ 18000 ≥ 16000		47.9	49.5	51.5 51.5	53.3 53.5	53.4 53.6	5 - • 2 5 - • 5	24.7 25.0	54.0 55.1	55.0 55.2	55.1 55.2	55.1 55.3	45.1 45.3	55.2 55.	55.3 55.3	55.4
≥ 14000 ≥ 12000		42.5 47.0	50.5 52.0	52.5 54.0	54•2 55•8	54.3 56.0	55.1 5,.9	55.7	55.8 57.5	55.G 57.7	56.0 57.0	56.1 57.	57.5	55.2 57.9	56.3 58. <i>3</i>	
≥ 10000 ≥ 9000		53.0 54.2	55.1 56.3	57.4 58.7			6 .a	31.1 32.5	51.3 62.8	61.5 03.0		61.4 63.1	51.7 	61.8 63.3	61.0 63.3	
≥ 8000 ≥ 7000		56.6 57.7	58.9 60.1	61.4	63.4 52.3	64.0	5 • 0 6 • 5	65.5 57.2	65.8 57.4	06.0 07.6		67.4	1.0 . z	66.3 67.9	65.4 68.J	tı E • 1,
≥ 6000 ≥ 5000		58.6 50.0	61.i	63.8 65.2	66.3 67.9	ნრ • 5 6 ⁸ • 1	67.0 6.3	38.2 70.0	68.4 70.2	68.7 70.5	58.3 70.5	68.9 70.4	58.€ 70.7	69.0 75.8	69.0 70.9	1 ~
½ 4500 ≥ 4000		51.7 53.5	63.5 56.2	69.4	69 • 1 72 • 2	69.3 72.4		74.5	71.5	71.8 75.0	71.9 75.1	72.7	72.0	72 • 1 75 • 3	72.2	
≥ 3500 ≥ 3000		55.5 57.5	58.s 70.3	71.5 73.5	74.5 75.8		7:.0	76.8 79.2	77.0 79.4	77.4 79.7	77.5 79.c	77.5	77.0 79.9	77.7 50.1	77.8 80.1	77.
≥ 2500 ≥ 2000		69 • 1 70 • 3	72.0 73.3	75.4 76.5		78.8 80.3		61.1 32.6	81.3	83.2	31.8 33.3	81.º 83.4		32.0 83.5	83.7	52.4 53.5
≥ 1800 ≥ 1500		70.7	74.9	78.6	80.7 82.3		80	33.2 34.9	83.4 85.1	85.5	93.9	83.9 85.4	°5,7	54.1 35.9	84.2 26.0	<u>_£.1</u>
≥ 1200 : ≥ 1000		77.7		80.4	83.7	83.9	96	ნ6∙3 პ7∙5	87.7	2.93	98.4	87.1 86.2	87.Z	87.3	87.5 38.7	3•≻ر_
≥ 900 ≥ 800		73.5	70.9		85•0 86•0	85.2 86.2		57.9 89.0	88•2 99•2	89.7	88.7	89.5 89.5	36.4 ?t.d	89.0 90.1	89.1 90.2	30 € 4
≥ 700 ≥ 600		74.7	78.4		86.9			90.0	90.2 91.1	91.6	90.9 11.6	91.9	91.1 94.4	91 • 2 92 • 1	91.3	92.4
≥ 500 ≥ 400		75.0 75.1					91.3	91.9	92.3	93.9	53.1 94.1	93.2	93.3	93.4	93.5	-4.7
≥ 300 ≥ 200		75.1 75.1	79.0	83.9	89.2	89.4	92.1	93.4	94.4	95.1 95.7	95.4	95.6 96.4	°5.7	96.0 97.1	96.2	97.6
≥ 100 ≥ 0		75.2			89.3 89.3			93.8 93.8	94.7	96.2 96.2	96.7 96.7	97.2 97.2	97.7 27.7	98.4 98.4	98.9 99.0	99.5 100.0

USAF FTAC BLAY 0-14-5 (OL.A.) REPORTS ENTITIONS OF THIS FORM ARE DISCUSTED

WATA PROCESSING TRANCH USAN ETHE ATR EXTURS SERVICENTAGE

CEILING VERSUS VISIBILITY

34055

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FATE ATTIFIC SRUCK OFREA Y

2-7/

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEIUNG .							VISI	BILITY STA	JUTE MILE	5						
FEET	≥10	≥6	≥ 5	≥4 .	≥3	≥2 2	≥ 2	≥1:	≥1.,	≥	≥ • ₄	≥ >,	≥ ?	≥5 %	≥,	≥0
NO CEILING ≥ 20000		47.1 41.6	42.7 44.7	45.5 48.0	40.3 51.7	46.0 52.0			53.2 56.5	54.2 5".5	54.0 57.3	54.7 57.9	۲4.6 40.1	55.3 57.6		55.9 35.4
≥ 18000 ≥ 16000		41.6	44.7 44.5		51.4 51.4	52.0	54.3	55.1 56.3	56.5 56.7	57.5 57.7	57.c	57.7 58.1	56.1 50.4	5° • 54	58.7	: - 1
≥ 14000 ≥ 12000		42.0 42.2	45.0 45.2	48.5	51.a	57.3 22.6		36.5 -6.7	55.8 57.0	57.8 58.0	58.1 58.4	58.2 58.5	50.5	59.1	59.3	
≥ 10000 ≥ 9000		42.9	46.1	49.6 50.1	52.4 53.5	53.8 54.7	"_•1 57	57.9 3.5	53.2 53.6	59.9	59.0	59.7 60.4	55.9 60.5			55: • 2
≥ 8000 ≥ 7000	· ·	45.4 45.8	48.7 50.3	52.1; 53.6	55.d 57.d	56.7	5,.0	00.9	61.2 63.0	07.4 54.1	42.7 54.5	52.°	ن.ز۸ <u>8.ه</u> /		63.0	- 1
≥ 6006 ≥ 5000		48.3 50.3	51.9 54.0	55.3 57.5	59.1 61.4	62.2	6.07		54.6 56.9	65.7	56.0 58.4	50 • 1 08 • 5	40.4 56.7	69.4	67.1 69.2	ن7.3 ن9.0
≥ 4500 ≥ 4000		۱۰6ء 5ء5ر	55.2 59.2	58.4 63.0	62.0	03.7 08.3	50.1	08.d	68.4 73.1	69.5 74.2	69.5 74.5	69.9 74.6	70.2 74.3	70.8 75.5	70.7 75.5	71.7 75.7
≥ 3500 ≥ 3000		54.8	62.1	54.4 55.0	63.0 70.5	71.5	79	74.1 75.9	74.4	75.5 77.5	75.8	75.9	70.2	76.8 78.8	76.9 79.3	79.1
≥ 2500 ≥ 2000		59.9 50.4	62.9	66.8 67.4	71.5 72.2	72.5	7,.6	76.9	77.4 78.1	78.5 79.2	78.5	79.4	79.2 79.0	79.8 80.5	80.0 6).5	50 • 1 e6 • 7
≥ 1800 ≥ 1500		50.1 51.9	64.3 66.0	68.3 70.3	73.1	74.1 76.2	76.5	78.5 30.6	79.0 81.1	80.1	30.4 22.5	80.5 82.5	PO.7 P2.9		83.5	
≥ 1200		93.0 64.4	67.1 68.5	71.6 73.1	77.1 79.7	73.1 79.7		82.6 64.4	83.1 94.9	84.2	84.5 86.5	84.5	84.5	85.5 87.3	85.6 87.4	37.>
≥ 900 ≥ 800		04.4 04.8	68.5 68.9	73.1 73.5	78.7 79.3	79.7 30.3	a , 1	\$4.5 35.3	85.0 85.9	36.1 37.0	86.4 37.3	86.5	90.7 97.0	87.4 89.3	87.5 88.4	38.3
≥ 700 ≥ 600		54.9 65.6	59.0 69.7	73.1	79.7	80.8 52.1	37.7	0.05 8.55	86.5 38.9	87.6 90.0	90.3	88 • 1 90 • 4	58.3 50.0	59.d 91.3	89.1 91.4	71.5
≥ 500 ≥ 400		ο5.6 <u>55.8</u>	69.7 70.0		81.5	82.6 83.3	R7.3	69.1 90.0	89.d 90.5	90.8 91.6	91.1	91.2 92.1	72.5	92.2 92.2	92.3 93.3	92.4 93.4
≥ 300 ≥ 200		65.8 65.8	70.0		82.5 82.7	83.6 83.9	1 - 1	90.8	91.3	92.7 93.1	93.2	93.4	93.9	94.5	94.7	
≥ 100 ≥ 0		66.n	70.3	75.8 75.8	83.7	84.3	84.5 84.5	91.5 91.5	92.5 92.5	94.1 94.1	94.9	95.2 95.2	95.9	97.2 97.2	97.3 97.4	

TOTAL NUMBER OF OBSERVATIONS_____

39

USAF ETAC 101 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE DISCUSS

DATA PROCESSING PRANCE USAF ETAC AIR FEATHER SERVICE/HAF

CEILING VERSUS VISIBILITY

34055 Harra AP/HC* SECTION SEC

130,-360 --as as

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

VISIBILITY STATUTE MIKES ≥5 16 NO CERTNO 34.7 36.3 38.9 41.7 42.0 4,.5 ,6.0 40.6 49.0 48.8 44.7 43.7 49.4 36,5 38.2 40,5 43.4 44.3 4 .J ≥ '5000 34.5 38.2 40.8 43.8 44.3 41.0 48.7 49.4 30.8 41.0 51.7 51.7 22.6 53.4 ≥ :6000 36.5 38.2 46.8 43.8 44.3 47.3 ,8.7 49.4 ≥ '4000 35.5 38.5 41.1 44.1 44.5 6 . 4 49.1 49.7 37.9 39.3 42.3 45.5 45.9 4 .7 10.4 51.1 51.2 52.5 52.1 52.1 ≥ 12000 ≥ '000C ≥ 900C 3°.5 40.0 43.4 45.4 45.8 4 .0 01.3 52.1 3°.2 41.1 44.0 47.1 47.5 5 .3 52.0 52.7 53.6 54. ≥ 8000 40.1 42.0 45.0 48.7 49.4 5 .2 53.8 54.7 ≥ 7000 47.5 43.0 46.2 49.5 47.9 5 41.7 43.8 46.7 50.2 57.5 5 34.4 55.3 ≥ 5000 ≥ 5000 54.9 57.5 5,.5 25.4 56.3 58.0 58.4 59.9 6C.Q 47.5 45.2 48.3 52.1 52.5 55.7 57.7 50.6 07.4 41.2 43.1 45.d 49.2 52.7 53.2 47.7 49.7 53.4 57.8 57.7 ≥ 4500 50.4 38.4 59.4 ≥ 4000 67. 3.5 64.5 66.6 67.3 ≥ 3500 ≥ 3000 57.5 59.4 69.3 77.3 70.5 71.2 42.4 51.1 54.7 56.4 57.3 52.0 65.3 60.4 4º .9 51 .0 55 . 4 59 . 4 69.3 36.2 57.3 70.8 71.6 71.7 72.5 49.7 52.0 71.0 71.7 ≥ 2500 ≥ 2000 56,9 60.0 51.3 05.1 68.6 59.7 56.8 71. 5~.3 53.3 57.2 61.a 02.7 65.0 72. ≥ 1800 ≥ 1500 50.8 53.8 57.7 62.2 57.8 00.6 09.1 70.2 77.2 73.0 ?3.i 75.0 59.3 63.9 52.1 55.4 04.4 6:.3 79.9 72.1 74.2 76.3 77. 75.1 77. 53.6 57.0 61.3 54.7 58.2 62.5 75,5 77.4 ≥ 1200 ≥ 1000 76.5 66.1 66.7 73.1 74.4 77.3 77.4 79.0 80. 74.8 70.0 78.1 78.9 62.3 67.3 65.3 c 1 . 72.2 79.0 Яij, 900 78.1 75. 79. 54.7 58.2 62.3 67.6 74.8 û∩•2 C9.3 75.0 59.3 63.9 69.8 79. 3C.7 80. 61.9 76.6 ا . نه ۶ نم و ۶ 71.q 56.4 50.4 65.1 70.5 74.9 77.8 79.0 81.9 63.2 33.9 700 61.2 82.1 75.6 71.6 56.9 60.6 65.7 71.0 78.8 80.2 84.3 55.1 52.3 83.1 83.3 72.1 73.0 66.0 81.5 2 50C 37.0 60.a 7...8 30.2 23. 84.8 34. 86.1 30.8 07. 73.7 77.9 81.6 83.1 85.8 36.5 37<u>.0</u> 57.d 61.d 66.Z 88.1 88.9 87.0 39.7 98.1 37.1 61.2 66.4 73.5 74.1 75.4 62.2 83.8 86.7 87.8 89.2 90.0 88.0 84.2 ≥ 200 74.2 75.6 82.4 57.1 61.2 87.3 91 72.2 66.4 73. 28.7 74.5 100 61.4 66.8 73.8 75.9 53.3 85.1 33.9 90.3 93.6 98.0 78.9 83.3 85.1 80.0 90. 7 91.1 57.1 61.2 66.8 73.a 91.0 93.0 95.5100.0

TOTAL NUMBER OF OBSERVATIONS

597

USAF ETAC 101.64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE DISOLETE

CAT. PR CESSING HANCH USAN ETHE ATP HEATHER SERVICENTAG

CEILING VERSUS VISIBILITY

34022

HAHT AT THE ISPUCK O KYATY

2-7!

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS.

CEILING							√IS	ibiti" STA	itute Mill	S						
, *{{**	≥10	20	≥5	≥4	≥3	≥2 :	≥2	≥: :	≥`.	≥	≥ -4	≥ .	≥ -	≥5 'o	≥.	≥0
NO CEILING ≥ 20000		27.9	29.1 32.1	- 1		32.3	34.0			3∧.7 4∶.û		35.4 41.2	ેલ. ક વેડ • ૯		• -	
≥ 18000 ± ≥ 15000		30.5	32.0	- 1	30.2 36.2	34.6 35.5	32			41.5		41.4	41.5		42.J	47.4
≥ 14000 ≥ 12000		30.8 31.9	32.d 33.4	34.5 35.9		30.9	3,.5	,	41.4 43.3	41.9 43.4	43.7	42.1	n2.u 45.7		44.2	43.3
≥ 10000 ≥ 9000		۶۰۶ز ۹۰۱ز	35.9 36.0	38.2 39.0	- 1	40.4	44.3	44.7	45.4	4×.9	46.1 46.3	45.1. 46.9	40. k	_ '	46.3	
≥ 8000 ≥ 7000		35.9 37.6	39.5	41.8 42.5	44.4 45.1	44.6	47.6	.9.5 .0.4	50.1 51.2	50.8 52.1	50.9	50.9 22.3	30.9	51.6 52.8	51.d 53.1	53.4 K.⊬c
≥ 6000 ≥ 5000		37.9 39.8	40.0 42.0	42.9		45.6 43.1	5 .5	51.5	52.1 54.3		53.2 55.4	53.2 55.4	5.4 5.4		54.1 56.3	
≥ 4500 ≥ 4000		40.4	43.4	45.3	- 1	4º.7	5, • 2 50•4			55.8 59.á	56.4 59.4	56.1 62.1	c,i	56.7	57.0 60.4	ية.4 لافق≎
≥ 3500 ≥ 3000		44.4	46.0	49.3 50.4	52.7 54.1	23.1 54.4	57.Q 5-,4	_1	59.8 61.4	61.2	51.4	51.3 63.1	و.10 لا.د¢	67.2 03.7	52.4 54.3	63.5 65.4
≥ 2500 ≥ 2000		45.6	48.9	52.2 53.4	56.0 57.4	56.3 57.7	6.4 6.8	02.8	63.4 64.8	64.7	65.0 60.0	65•ù	45.1 46.7		55.0 57.0	- ,
≥ 1860 ≥ 1500		47.1 48.9	50.5 52.4	53.0 56.1	- 1	59.2	54.3	55.0 57.6	55.5 68.2	67.1	67.3 70.1	67.4 70.3	67.4		58.5	57.7 72.9
≥ 1200 ≥ 1000		51.2	54.7 50.4	59.0	4	65.5	6.0 7.3	71.0 73.4	71.5	73.2 75.6	73.4 75.9	75.4	73.0	74.3 76.3	74.5	75.0 78.4
≥ 900 ≥ 800	_	52.9 54.2	57.0 58.2	62.0	66.1 07.4	06.4	71.7		74.7 76.5	75.5 7°.3	76.a 78.5	76.9 78.4	77.0 78.8	77.5 79.4	77.4 79.5	79.3 31.1
≥ 700 ≥ 600		54.4 55.1	58.4 59.3	62.8 53.8	67.0	09.5	73.1 73.9		77.1 79.1	79.0 31.2	79.2 31.2	79.3	79.4	80.1 82.4	30.3 92.0	31·5 54•2
≥ 500 ≥ 400		56.2	60•3 00•4	65.1 65.5	70 • à	71.0 71.4	76.5	80.4 81.2	81.2 82.3	83.4 85.0	33.8 35.7	83.9 85.≅	54,.↓ 5 <u>0</u> .↓	84.8	35.0 85.9	35.5 38.4
≥ 300 ≥ 200		56.3 56.3	60.5 50.5		71.3	71.7	77.8 77.8		83.6 84.1		87.3 88.3	₹•78 5•58	A3.1	91.0	39.4	91.0 93.7
≥ 100 ≥ 0		56.3 56.3	60.5 60.5	65.6	3	71.7	77.8 77.8		84.1	- 1	59.1 89.2	89.5 60.7	9J.8	92.9 93.1	93.4 74.1	98•4 100•0

TOTAL NUMBER OF OBSERVATIONS_

- 57

USAF ETAC FORM 0-14-5 (OL A) MEVIOUS EDITIONS OF THIS FORM ARE DISOLETE

3

ONTH PRICESSING RANGE USAF LINC AIR LAIHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34051 HARN AT/HU SPUCK OF RHAMY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

750 -110.

CEIU'N⊅							V Si	Bil TY STA	ITUTE MILE	5						
' FEE' "	≥10	≥0	≥5	≥4 .	≥3	≥2.	≩ 2	≥:: !	≥1.	، ن	5 .	≥`:	≥ -	≥5 15	≥ .	≥0
NO CERING ≥ 20000		3°.4 7.4ز	39.0				3 . Z 4 . 9					39. 45.7		4^.0 45.9		40·周 45·四
≥ 18000 ≥ 15000		35.7	40.4			44.6	4.6	-5.2		44.3	40.4	45.3	-0.4 46.0		1	470 F
≥ 14000 ≥ 12000		36.8	43.3	1	44.⊞ 47.≟	47.4		-6.9 -9.1	40.9	47.0 42.2	47.2	47.7	47.1	47.2	47.4	
≥ '0000' ≥ 9000		+4.1	45.9		49 • ਹ 50 • ਰ	57.1 50.9	5,.3	22.0	52.Q		52.4	52.1. 52.9	- :	52 • 3; 53 • 1	52.3 53.1	32.4
≥ 8000 ≥ 7000		44.2 44.8	48.8	51.2	53.2 53.1	53.6 54.7		35.7 55.3	55.7		55.7 56.0	55.9 56.4	50.C	56•1 5^•3	55.1 55.8	
≥ 6000 ≥ 5000		47.7	49.0 50.9	52.L 53.4	-1	54.7 55.0	51.1 51.0	57.0 53.4	57.0 58.4	57.2	57.2 58.5	57.2 53.9	57.3 55.9	57.4 5°.0	57.4 59.J	57.0
≥ 4500 ≥ 4000		4°.2	51.2	- 4	50 50!	56.4 59.1		28.9	59.0 61.7	59.3 62.0	59.3	59.7	59.4 42.1	59.6	59.0	20.9
≥ 350C ≥ 3000		57.1; 54.7	55.3 57.9	58.1	60.a	57.6	6,.3	53.2 55.0	63.3		63.7	03.7	60.7	63.9 66.9	63.9 56.8	04.2 :7.1
≥ 250C ≥ 200C		27.0	60.a	63.4		06.2 70.2		38.7 72.9	68.8 73.0	69.1 73.5	49.1	73.4	69.3 73.0		69.4 73.7	
≥ 1800 ≥ 1500		01.1 67.8	64.6		76.7 74.3	71.0	72.7	73.7 77.4	73.8 77.6	74.1 75.0	74.1	74.2 73.1	74.3 78.2	74.4 79.3	74.9 73.3	74.8 79.7
≥ 1200 ≥ 1000		58.1 59.9	72.1 73.6	75.9 77.9	79.6 51.9	80.0	*1	63.1 55.9	83.2 86.1	86.6	53.7 26.6	63.5 86.7	83.9 ee.8		84.0	24.3 27.7
≥ 800 j		70.0 70.7	74.0	78.1 79.2	82.1	62.6 83.7	ا . د 8 اد د 8	56.2 37.8		86.9 88.4	86.9 88.4	87.7	87.1 28.7	87.2 89.8	87.2 86.6	
≥ 700 ≥ 600		71.7 71.9	75.2 75.9	79.9 80.8	84.0 85.7	35.0 36.1		89.2 90.6	89.4 90.8	89.9 91.2	89.9	90.7	ອນ.1 ອາ.4	90.2 91.6	90.2 31.6	
≥ 500 ≥ 400		72.8	76.7 76.8	81.9	87.4 87.7	87.9 88.1	92.2	93.9	94.1	94.7 95.6	94.7	94.8 95.7	94.9 95.6	95.0 95.0	95.0 95.9	95•3 95•2
≥ 300 ≥ 200		72.8 72.8	76.8 76.8	82.0 82.0	87.6 87.6	88.2 88.2	92.4	95.0 95.0			96.9	97.1 97.1	97.2	97.2 97.6	97.3 97.9	97.7
≥ 100 ≥ 0		72.8 72.8	76.6 76.8	82.0 82.0	87.8	8.2	92.4	95.0 95.0	95.6 95.6	95.7	97.3	97.4 97.4	97.6	97.9	98.4 98.3	

TOTAL NUMBER OF OBSERVATIONS_

7,00

USAF ETAC 12.54 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE DISOLE

EATA PROCESSING RANCH USAF ETAC AIR EATHER SERVICE/FAC

CEILING VERSUS VISIBILITY

HAND HAND AT / HUTSPUCK OF REAL Y

F - 7 7

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

120,-1-0

CEILING							VISI	B-L** 5°A	TUTE MILE	5						
FEET	≥10	26	≥5	≥4	≥3	≥2÷	≥ 2	≥' ÷	≥. •	≥`:	≥ -4	≥ -,	≥ :	≥ 5 16	2.	≥0
NO CEILING ≥ 20000		7.16 43.2	36.6 43.4	37.4 44.1		-	1: .a 4 . q			32.7 45.7		39.7 45.7	16.7		38.7 42.7	39.√ 45.√
≥ 18000 ≥ 16000		42.5	44.1	44.7	45.4	45.4 45.4	4: • L	45.Z 45.3	46.2	46.2 45.3	46.2	40.7	40.2 45.3	46.7	46.2	46.1
≥ 14000 ≥ 12000		44.7	44.4	45.5 47.8	45.4	45.3 42.6	4 . 4	.7.1.	47.1	47.1 40.3	47.1	47.1	47.1 49.3	_	47.1	47.4
≥ 10000 ≥ 9000		40.0	لا و و د	50.4 50.4	50.1 51.7	20.9 	54 53	52.4	51.7 52.4	52.4	51.7 52.4	غاد <u>غ</u> اد	51.7	51.7 22.4	51.7	220.
≥ 8000 ≥ 7000		53.1 54.6	54.5	54.4 55.8	55.3 50.8	55.3 56.8	5Z	35.3 37.3	56.4 57.9		57.7	55.4 57.1	50.4 67.9	56.4 57.9	56,4 57.4	200
≥ 6000 ≥ 5000		55.7 57.9	56.0 58.1	56.9 59.7	57.4	>7.9 60.4	* .a	58.9 :1.2	59.0 61.3	59.0 61.3	59.4 61.3	50.1 5.13	55.J	57.0 51.3	59.5 *1.3	1.7
≥ 4500 ≥ 4000		57.7	59.6 63.6	65.0	51 • 7 50 • i	61.7 26.	6 .6 5 . 3	.7.1	52.8 57.2	67.8 67.2	52.d	62.° 67.2	52.6	67.2	57.2	30 : 1 270 :
≥ 3500 ≥ 3000		77.1 71.8	67.7 72.4	68.9 73.7	70 · d	7↑•u 75•q	79 <u>72</u>	71.0 76.3	71.1	71.1 76.4	71.1	71.1 76.4	71.1	75.4	71.1	71 • 4
≥ 2500 ≥ 2000		76.0 70.5	76.7 30.4	77.9 81.7	79.4 83.3	79.2 53.0	ε 4 2 2	60.6	PJ.7 84.4	84.4	34.4	50.7 54.4	30.7 24.4	34.4	24.4	
≥ 1800 ≥ 1500		31.9	81.7 83.d	87,9 85.4	84 • <u>2</u> 86 • 8	84.8	3;.4 a=.0	63.4	95.7 98.6	85.7	35.7 88.0	35.7 82.5	მე.7 შმ.8	85.7 82.6	95.7 98.0	24.1
≥ 1200 ≥ 1000		87.4	87.3 88.9	89.d 90.7	90.0	90.6 92.6	99	94.4	92.3	92.3 94.6	92.3	94.5	94.0		92.3	
≥ 900 ≥ 800		87.9 88.1	89.4	91.0 91.2	92 • 9 93 • 3	92.9	94.2	74.8 75.2	94.9	94.9	94.9	94.9	94.9	94.9 95.3	95.3	95•2 25•7
≥ 700 ≥ 600		58.1 88.1	39.7 59.7	91.4	93.7 93.8	93.7	95.2 95.0	95.8 96.1	95.9 96.3	95.9	95.9	95.9 95.3	96.9	95.9 96.3	95.9 76.3	96.4
≥ 500 ≥ 400		88.4	89.9 90.2	91.7	94.4	94.4	90.2	97.0 97.7	97.3 98.4	97.3	97.3	97.4 98.5	97.4		97.4	
≥ 300 ≥ 200		89.4 56.4	90•4 90•2	92.0	94.8 94.8	94.8	9:.8	97.7 97.7	98.4		99.5	98.9	90.9	99.2	98.9	
≥ 100 ≥ 0		88.4	90•2 90•2	92.0	94•8 94•8	94.8	95.8 98	97.7 97.7	96.4 98.4	98.9 98.9	99.0	99.1	99.1 79.1	99.2	99.2	99•5 1 <u>00•</u> 1

TCTAL NUMBER OF OBSERVATIONS

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLUTE

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0

900

WATA PROCESSING TRAFFING USAF ETAC AIR LEATHER STRVICE/VAC

CEILING VERSUS VISIBILITY

3405 Hat., La/HU'SRUCK UERFARY 8+7;

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VI\$1	Bility STA	TUTE MILE	s						,
1 1561	≥10	≥6	≥ 5	≥4	≥3 ;	≥2:	≥2	≥1: :	≥1.4	≥1	2 ha	≥',	≥: :	≥5 ზ	≥	≥c
NO CEILING ≥ 20000		34.9 47.6	37.3 48.4	37.9 49.2		3°.6	3 . 3	ا. ور ۱۰۵	39.2 51.1	39.2 51.1	39.2 51.1	37.1 51.1		30.2 51.1	39.2 51.1	39.5 51.1
≥ 18000 ≥ 16000		ત . α તકે. હ	49.7 49.d	50.2 50.3	51.3 51.4	51.4	5, . 1 5, . 2	,2.2 ,2.3	52.3 52.4	52.3 52.4	;	52.3 52.4	۶ <u>۵.</u> 3 ۶ <u>۶.</u> 4		52.3 52.4	,
≥ 14000 ≥ 12000		31.0	50.2 52.9	50.8 53.6	_	52.3 54.3	57	52.8 55.6	52.9 55.7	52.9 55.7	52.9 55.7	52.7 55.7	52.9. 53.7		52.9 55.7	
≥ 10000 ≥ 9000		56.7	55.7 57.3	56.4 53.2	57.a	57.7 59.4	54 6 .2	58.6 20.3	58.7		40.0	58.A	59.8		ენ.ა ტაც	
≥ 8000 ≥ 7000		of.1		62.3 55.5	63.u	63.7	4 4	54.6	64.7	64.8 69.2	58.2	64.2 62.7	4.0 45.2	54 • 8 6		05 • 1 31 • 3
≥ 6000 ≥ 5000		64.6	05.4	66.5 59.3	68.d 70.d	5° • 1 7^ • 7	7, 4	59.0 71.6	69•1 71•7	69.2 71.8		6°.2 71.∫	1.4	69 • 2 71 • 5		5°• 1
≥ 4560 ≥ 4000		6°•2	70.4 74.3	71.5 75.4	72.5 76.7	72.9 74.8	7,.7	73.8 77.5	73.9 78.0	74.0 72.1	74.C	74.1 73.1	74.0	74.0 79.1	74.3 78.1	74.3 75.4
≥ 3500 ≥ 3000		75.8	77.3 31.4	78.4 82.6	79.9 84.u	37.0 54.1	20 21	-1·1 전5·3	81.3 85.6	81.4	81.4 35.7	81.4 85.7	ີ ລ. 7	85.7	\$1.7 \$5.7	J5 • J
≥ 2500 ≥ 2000		81.4	83.3 35.1	86.8	86.7 88.6	38.7	₽7.9 ≥4.8	23.1 20.0	88.3 95.2	88.4 90.3		89.4 90.3	٠.غ٥ <u>د ت ۲</u>	93.3	38.4 20.2	90.7
≥ 1800 ≥ 1500		83.6 85.1	85.4 87.1		91.0	39.9 91.1	9;.1 9,.3	90.3	90.6 93.0	90.7 93.1	90.7	90.7 93.1	93.1	93.1	90.7 93.1	33.4
≥ 1200 ≥ 1000		85.9	87.9 83.8	89.5 90.7	92.9	92.1	93.3	93.8 95.0	94.0	94.1 95.3	94.1	94.1 95.3	04.1	94.1	94.1 95.3	94.4 75.7
≥ 900 ≥ 800		86.7 57.1	86.9 89.3	90.9 91.2	93.7 93.7	93.5	9:.7	95.1 95.9	95.3	95.4 96.2		95.4 96.2	95.4	95.4 95.2	95.4 95.2	<u></u>
≥ 700 ≥ 600		87.1 87.1	89.4 89.4	91.5	94.1 94.1	94.3	93.8	96.7	96.4 97.0	96.6 97.1	97.1	95.4 97.1	90.6	95.6 97.1	95.0 97.1	97.6
≥ 500 ≥ 400		87.1 87.1	89.4	91.5	94.4	94.3	90.7		97.3	97.4	€.80	97.4	97.4 9ε.3	97.4		75.7
≥ 300 ≥ 200		87.1 87.1	89.7 39.7	91.9	94.7	94.9	97.0	98.1	98.4 98.6	98.9	99.2	98.9	09.2	99.0		99.
≥ 100 ≥ 0		87.1 87.1	89.7 89.7	91.9	94.7	94.9	97.1 97.1	98.1 98.1	98.6 98.6	99.2 99.2		99.3	99.3	99.7 99.7		130•9 166•3

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC JULIA 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE ORSOLETE

C

JATA FRECESST IS TRACE 15AF + 12C AIR LATHER SERVICE/""C

CEILING VERSUS VISIBILITY

HAM. AS/HUTSPUCK SERMAN

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS:

+ 5 8 , TY S'A" L'E M LES ≥'. NO CELLNO 53.3 55.4 55.9 5. 57.7 55.Q >1.7 52.4 54.4 56.8 56.9 5 .2 , 4.4 56.7 50.9 59.2 59.1 5000 . 3 -8.6 5d.8 57.1 50.7 57.0 ≥ 400C on. 4 52. d 54. f 56. 9 o7. 2 5 . 6 of. 2 59. 0 59. 3 59. 6 59. 4 59. 4 59. 4 59. 4 59. 4 59. 4 59. 4 59. 4 59. ≥ 12000 51.4 53. \$ 55.4 50.4 5°.3 5 7 39.7 5.1 60.4 50. - c1.4 23.5 50.0 57.4 60.4 66.4 6.1 62.3 6..7 63.9 c3.0 c3.1 ≥ '0000 ≥ 9000 34.9 57.4 59.5 61.9 02.4 C 54.4 64.9 05.2 35.4 05.7 57.4 50.0 02.1 54.0 65.2 5 ≥ 7000 7:.2 67.2 <u>52.8 65.3 67.6 68.2</u> 71.6 72.1 72.7 72.7 72.4 72.4 72.8 74.8 75.3 75.9 75.7 75.7 76.3 76.9 ≥ 600€ ≥ 500€ 01.4 54.1 60.2 58.4 50.4 7.3 64.4 67.2 69.4 72.1 77.7 7.6 ≥ 4500 ≥ 4000 65.4 68.2 70.4 73.2 73.9 7-,5 75.0 7c.6 77.1 77.1 77.1 91.4 81.4 3.4 37.2 ≥ 3500 74.5 76.9 79.8 84.3 84.7 87.0 74.9 77.8 60.9 85.2 85.9 58.3 ≥ 2500 67.6 83.1 85.7 92.7 82.4 36.6 83.8 ≥ 200C 33.9 39.4 90.0 90.d so.il ≥ 180c ≥ 1500 75.3 78.4 81.3 85.0 86.4 82.9 09.4 90.0 90.0 9C.9 90.7 7.0 90.7 91.0 72.4 92.4 97.4 91.1 91.8 92.3 92.3 92.4 2 75.7 79.4 82.4 87.1 33.0 93.2 93.8 94.6 95.2 76.9 80.0 33.6 88.0 69.2 1200 93.6 93. 93.9 93.9 ¥2.5 ≥ 1000 45,4 51.U 90.4 95.3 54.7 89.5 93.8 77.9 81.0 94.8 95.4 95.d 95. 95.7 95.7 95. 90.0 90.7 94.Q 96.6 800 <u>95.7</u> 84. 90. 91.7 94.1 94.9 95.6 95.8 95 94.2 95.3 95.7 95.3 94.6 95.3 96.0 76. ≥ 700 77.7 81.4 34.9 90.1 90.8 95.5 95.9 95.9 95.9 95 • 4 77.7 31.4 60C 85.0 90.3 90.9 9 500 400 96.6 96.7 96.0 96. ≥ ≥ 77.1 31.4 85. 90.7 91.3 95.1 95. 90.9 95.3 96.1 96.8 97.0 91.6 94 97. 70.1 51.4 90.9 91.4 96.7 97.4 97.0 97. 97.7 85. 300 95.5 9_. 75.5 90.9 91.4 95.8 96.8 97.7 97.8 98. 94 95.8 95.8 97.8 97.9 95.8 96.8 97.8 98.3 78.1 81. 91.9 96.4 85. 90.9 98.9 98. 100 98.

TOTAL NUMBER OF OBSERVATIONS

98.4

900

98.0 99.0 99.0100.0

USA . ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE DESCRIPTE

31.4

90.9

85.

91.6

DATA PRICESSING PRANTI USAF ETAC AIR LIATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34225 Phill 42/46452/6K of Rhady

0_47

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2160- 30

CEILING							VISI	BILITY STA	IUTE MILE	\$						_
* #EE*	≥10	≥6	≥ 5	≥4	≥3	≥2 :	≥ 2	≥1 -	≥;.	≥:	≥ .	≥ -₃	≧: ;	≥516 -	≥.;	≥0
NO CEIUNG ≥ 20001		42.4 46.1		49.7 53.8		53.1 57.6	5 .6 5 .4	34•Zi 38•7		54.7 59.6	;	54.7	54.9 €⊥.6	_	54.7 55.1	55∙. 51•1
≥ 18000 ≥ 16000		44.5 44.5	50.2 50.2		57.4 57.7	57.7 52.1	1 . N	•		59.7 or.1	59.5 50.2	59.2 c^.	^0.U	60.0 60.3	50.3 50.3	3ۥ2 57•7
≥ \4000 ≥ 12000		47.1	51.1 52.5	54.5 56.3	58.3 59.7		5.4	29.7 21.2	51.7	- *	60.7 42.2	60.7.	ه . د د . د		۶0.5 د ۲2.	51.i
≥ 10000 ≥ 9000		51.3			51.0	62.0 63.4	. ~ ' 1	•	53.7 65.5	64.1	64.4 76.	64.7 65.3	· · · i	64.3 64.1	54.3 56.1	54.3
≥ 8000 ≥ 7000		23.3 55.1	57.7 59.5	ol.> 63.4	67.3	65.6 67.7	ნგ.9 ტმ.0		59.9	55.2 70.3	48.3 70.4	65.3 70.4	ئہ ہے	-	55.0 70.7	03・プ 71・プ
≥ 5000 ≥ 5000		56.4 52.3	50.0 52.7		58.5 70.7	50.1 71.3	7 .4 7 .6	73.7	71.3	71.7. 74.0	- 1	71.9 74.1	72.2		72.2	12.4 74.5
≥ 4500 ≥ 4000	-	59.3	67.5	67.5 71.3	71.7	72.3	7 ₂ .0	74.0 79.0	74.5 78.5	75.0 79.0	75.1 79.1	75.1 73.1	75.4		75.4 79.4	75.19 76.11
≥ 3500 ≥ 3000	•	62.7 64.6	58.2 69.0		77.1	77.5		79.3	79.9	80.3	80.4 82.2	82.9	56.5 °∠.2	60.9 82.5	30.5 32.5	81+c4
≥ 2500 ≥ 2000	-	65.5	70.0 71.3	75.1 75.3	79.9	ში.3 მ;.3	2 . b	2.2 €3.2	83.8	83.2	43.3 54.7	84.7	93.5 64.6		23.5 24.5	33.3°
· ≥ 1800 · ≥ 1500	:	67.3	72.1	76.5 78.4	81.6 83.6	82 • 1 84 • 1	د.و 2:.7	54.0 86.2	84.5 86.8	85.0 87.3	55.1 87.4	85.1 87.4	°5.4 °7.5		35.4 27.5	35./
≥ 1200 ≥ 1000	:	70.0 71.4		79.5 81.2	85.2 87.1	85.7 87.5	2:.3 89.5	57.9 90.1	88.4 90.8	89.0 91.3	39.1 91.4	89.1 91.4	99.4	89.4 91.익	39.4	39.7
≥ 900 ≥ 800		71.5 72.0	76.4 76.9		87.3 85.0	87.8 88.4	99.5	!	91.0 91.7	91.5 92.2	91.7	91.7	3. S	92.0 92.日	92.0 92.0	72.4
≥ 700 ≥ 600		72.3 72.4	77.2	82.2 32.3	88 · 5	89.1	91.2		92.4	93.0 93.3	93.1 93.4	93.i	93.5		93.5 93.7	93.0 94.1
≥ 500 ≥ 400	1 1	72.5	77.4		88.9 89.1	89.4 69.	3; · 7	92.Z	93.0 93.9	93.5 94.4	93.5 94.7	93.9	94.3	94.3	94.3 95.2	94.9
≥ 300 ≥ 200		72.5	77.5		89.3 89.8	89.9 90.3	95	93.5	94.3	94.9	95.2 96.3	95.4 95.4	95.9 97.0	95.9 97.0	95.9	90 • 1: 77 • 5
≥ 100 ≥ 0		77.7	77.8		89.9	90.4 90.4	93.2	94.3	95.3 95.3	96.4 96.4	96.8 96.8	97.7	97.7	98.1 98.1	98.2 93.4	99.4 100.1

TOTAL NUMBER OF OBSERVATIONS_

USAF ETAC #084 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLE

DATH PRICESULION TRAINS USAF EILC AIR CATHER SERVICEV EC

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

CE UNIT							√ S i	e. *	**_*E ∻ .:	£S						
	≥ ≎	26	≥5	≥ 4	≥ 3	≱ .	2:	≥	≥ .	2	2 .	≥ .	2	25 6	2 .	≥:
NO 15± NG ≥ 20000				4u.∠ 45.⊴			• •		44.4 57		45.4	47.1			25.7	
≥ 18000 ≥ 18000			44.0	46.1	40. i	9 ° • 3	5	g	51.2	5:.7	51.3	51.4	11.7	51.6 51.1	52.3	, 2. *
≥ 14000 ≥ 12000		47.4	44.3	46.5	40.3	47.1	5 .7	51.5	5:.8		52.4	52.4	<u>ندې د</u> الا ، يې	\$7.7	52.1	ا له و رو. تو ۱۰ ر
5 600. 5 ,000.¢		45.7		50.2	52.5	57.8			:	56.1	5c	<u>50.3</u>	(4 e)	<u> </u>	54.7	
≥ 90.0 ≥ 7000		42.1		53.9	55.4	53.9 26.8	٠.5	.50.4 39.4	55.7 59.8	٥°.÷	<u>57.≥</u> ≎•3≎	57.9	7.7 7.7	7.7	57.3	31. T
≥ 5000 ≥ 5000		51.4	54.0	56.6 58.6	59.1		4		52.7	07.3	34.4 03.4	63.4 63.4	ه . ن ر د	c3.9		54.d
≥ 450C ≥ 400C	 — <u>-</u>	54.5		59.7	52.3	9, دی	n. đ	<u>იგ.ბე</u> გე.მ იმ.მი	55.2 55.2 76.3	55.7 55.8 71.0	57. d	67.1	7.1 7.1	1	27.0	
≥ 3500 ≥ 3000		59.7 51.9	22.5	65.2	53.3 70.2	03.7	7 .8	71.9	72.4		73.4	73.3	75.4	71.d 73.7 75.4	73.4	74.6
≥ 2500 ≥ 2000		07.6 05.1	66.2	69.6 71.3	73.g	72.4		75.8	77.3	76.0	78.2 30.1	73.7	78.4	79.7	78.4 30.7	77.1
≥ 1800 ≥ 1500		65.8 07.5	58.8 70.7		75.5 77.8	76.0 75.2	7:.3		79.9	84.7	96.9 F.6°		71.0	31.3	21.3 84.J	32.2
≥ ·200 · ≥ '000 ·		59.4 75.5	72.d 74.d		30.4	89.7	3,.2		55.q	85.8	36.J	36.1 88.1	3.4 30.4	36.5	36.7	<u>- ۲۰۰۵</u> ۲۰۵۵
≥ 900 ≥ 800		70.7	74.7	77.9	82. <u>.</u> 83. j	82.7	67.4	ã6•a	37.3 88.3	38.1	E. 22	88.4	K.6P	85.7 89.7	98.9	30,4
≥ 700 ≥ 600		71.9	75.0	79.0	53.6 84.7	84.1		38.4	84.0 90.0	59.9	9C.J	90.1 91.2	02.2 01.3	90.5	90.7 el.J	71.4
≥ 500 ≥ 400		72.3 72.3	75.7	79.9	85.d 85.4	85.5		90.6	91.3	92.2	K.50	\$2.9 \$3.4	92.7	93.d 94.1	93.1	73.4
≥ 300 ≥ 200		72.3 72.3	75.9	80.2	85.7			91.9	92.8 93.0	94.Q	94.5	94.6	34.4	95.2	95.4	35,9
≥ 100				E.08	1	86.3	59.9	92.3	93.3		95.d	95.9	96.3	97.2	97.d	59.2

TOTAL HUMBER OF OBSEPVATIONS

719

USAF ETAC ALL OF 14-5 (OL A) PREMOUS EDITIONS OF THIS FORM AND OBSOLET

3414 84 C233149 784.0-0414 344149 32977657440 4414 341444 32977657440

CEILING VERSUS VISIBILITY

74923 - ---- AT/-- STUCK 115 -- Y

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

£ %.						-	58		7.7€ ♥ .±	ξ.						
:46-	2 \$	≥ 5	≥ :	24	≥;	≥:	≥:	<u>></u>	ž .	2	ź •	ź.	:	25 e	2.	≥.
90 €.N± 2.094					-		71 37	-	35.0 36.2		15.2 38.2	-	7.5	37.7 +1.1	37. y	
≥ 80% ≥ 50%					-	-	3,.7		_			33°.	37.7	4'.1 4'.3	40.7	
2 4000 2 227							37	_				-			43.7 41.2	
2 0000 2 9000	•	16.4	27.4	29.7	33.2	33.5	• • • • • •	<u>,7,∆</u>	3	4 . 1	<u> </u>	<u> </u>	_1_=			
≥ 5000 ≥ 70%		24.0	16.3	30.5	34.3	3 - , 7		-9.2	3,7	41.7	41.2	47.	17.7	4".5		44.1
2 5000 ≥ 5000	·	20.1	29.s		35. v	3	<u> </u>	<u>5</u>	41.1		43.5	45. 0	4	4 7.	47.E	-5.
≥ 4500 ≥ 4500		37.3	32.5		30.7	32.3	7	- 4	44.1		46.0	45.3	<u> </u>	4 • 1	90.4	• ·
≥ 3500 ≥ 3000	·	<u>ئۇ د ا</u>	34.0	37.L	41.6	4:4		45.1	46.8i	40,0	49.2	43.4	- 4.4	> . 5	44.4 <u> </u>	<u> جو ر</u>
≥ 7900 ≥ 7000		25.1	37.5	39.5	44.	44.4	44.7	49.5	5,.2	22.5	53. <u>.</u>	53.3	<u> </u>	54.5	52.7 <u>52.4</u>	550 1
≥ 1800 ≥ 1300		39.7		44.0	45.0	43.7	٠٠.۵ <u>چ</u> خ <u>ځ</u>	>4.1	54.8	57.4	57.3	53.1	<u>د د ۲</u>	54.2	59.0	<u>به ۱</u> ۹۰۰
≥ 200 ≥ 200	-	42.5		47,E		23.7	54.3	>8. S	59.8	62.4	<u> </u>		<u>خ.ر-</u>	c 1 !	4.54 64.53	52.4 <u>5.4.</u>
2 900 2 800			47.2		56.5	<u> ۱۸۰۶</u>	57.4	62.3	63.4	\$5.8	56.3	65.9	-7.u	67.7	65.4 66.1 53.9	
2 700 2 600	 	45.6	48.a			59.7	5,.7	54.5	65.6	50.5	68.4	69.1	£9,0	73	72.4	71.
≥ 500 ≥ 400 ≥ 300	<u>:</u>	47.1	49.4	54.3	81.3	61.5	67.5	⊃8.1	69.4	72.4	72.c	73.3	73.5	74-1		74.
≥ 200		47.5	50.4	55.8	63.7	64.1	65.4	72.2	74.4	78.3	79.	70.5	<u> </u>	87.4	53.1	63.T
≥ '00' ≥ C			- 1		-	- 1	67.4		- 8	•	- 1					

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC ARM 0-14-5 (OL A) menous conons or this rolls are described.

OATH FRICESSTAG PRAICH USAL LIAC AIR RATHER SERVICE/"AC

CEILING VERSUS VISIBILITY

HAHA ARTHUS STUCK DEFINET Y

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING				_			VISI	BILITY STA	ATUTE MILE	:S				_		-
FEET	≥10	≥6	≥5	≥4	≥3	≥2.	≥2	≥1 ;	≥1.	≥1	≥	≥:•	≥ ,	≥5 16	≥.	≥ ડ
NO CEILING ≥ 20000		21.1	20.0 21.5	23.7	20.4	25.7 26.7	; .7	19.3	31.4	37.7	33.0	33.4	15.6 35.6			7.1
≥ 18000 ≥ 16000		21.1 21.1	21.5		25.2	24.2	7.0	31.7		34.1	34.4		3,2	35.7	30.2	>7∙₹
≥ 14000 ≥ 12000		21.1	21.5	24.5	26.4	2/ • 7	21.0	31.7	32.8	34.1	34.0	33.7	35.4	35.3	30.7	37.
≥ 10000 ≥ 9000		21.6	22.U	25.0	20.0	44.5	2 .4		33.0 33.3	34.7	34.	35.4 35.7	7),0 70,0	36.6	30.7	2 * 4 2
≥ 8000 ≥ 7000	-	41.9	72.1	25.6 25.6	27.4	25.5 27.2	3 .4		34.4	35.8	35.4		¹ 0.1	35.7	37.4	37.5
≥ 6000 ≥ 5000		21.9	22.4	26.1	27.4	27.5	31	33.5 34.0	35.1	30.5	36.6	37.5	37.5	37.9 38.3	39.1	3:0-1 "-0/
≥ 4500 ≥ 4000		23.5	4 <u>ود ت</u> 24.1	27.4	20.9 29.n	22.9 29.6	3, .9	<u>1.5،1</u> 6.6ر	30.9	37.5	38.8	39.4	30.0	47.3	41.0	41.3 37.4
≥ 3500 ≥ 3000		25.4	20.0 27.1	29.9	31.0	37.7	34.1	<u>۴۶.۱</u> ۹.۶ز		47.2	41.3	41.7	45.0	42.7	1,4.	4401
≥ 2500		28.5 28.9	29.1	- ;	35.7	34,7 35.8	3 3	41.5	42.7	44.2	45.0	45.1	40.1	40.2	40.0	42.2
≥ 2000		1 ، ٥٠ ١ ، ٥٤	30.7 31.4	36.0	37.1 38.1				45.4	47.0 48.1	47.5	48.1	49.7	59.0 20.1		<u>-^.4</u> >2•'
≥ 1500		37.4	33.3 35.0	8.3 40.9	40.5	40.5		47.6	48.8 51.3	50.6 53.2	51. 53.7	51.7	5 <u>.;</u>	52.5 55.1		54.5
≥ 1000		35.7	37.4	42.5 42.5	44.6	44.9	_	>2.1	53.5 54.0	55.3 55.9	55.4 56.4	55.4	57.3	57.5	55.0 58.6	ع•4ر 5≎•d
≥ 800		37.6	38.8	44.5	47.4	47.5	51.0	54.7	56.1	57.9 58.7	58.5		60.1	59.9	69.0	
≥ 600		39.3	41.1	47.1	50.0	50.7	54.9	58.8	50.2	62.1	62.7	63.2	<u>5.6</u>	04.1	54.3	06.
≥ 400	<u>-</u> -	40.2	42.5 42.6		52.5 53.4	52.6 53.7	5 .6		64.5		67.5	68.1	56.4	59.0	69.0	
≥ () ≥ 2v0		40.6	43.4	50.0	55.0 56.2	55.4 56.6	5/.8	68.0	70.7			75.5		79.0	79.3	0) • =
≥ 100 ≥ 0		41.0	43.5		56.9 56.9	57.3 57.3				76.8		79.2 79.4	90.7 80.9	34.9 85.9		92.4 150.5

TOTAL NUMBER OF OBSERVATIONS...

USAF ETAC JUL 64 0-14-5 (OL A) PREVIOUS EDIT ONS OF THIS FORM

DATA PROCESSING TRANCA , SAF ETAC AIR HANNER SERVICE/MAC

CEILING VERSUS VISIBILITY

14005 Hill A' /HUMSPUCK OF KEA IY

8-7:

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

<u>^6^., = , .6.0</u> +00K 15*

CETING							VIS	BILITY STA	TUTE MILI	5						
feet	≥10	≥6	≥5	≥ 4	≥3	≥2;	≥ 2	≥17	≥1.4	≥1	≥ 3,	≥';	≥.	≥ 5 16	≥ ,	≥0
NO CEIUNS ≥ 20000		16.4 18.7	17.0 18.7	18.7	20.9	21.9 22.9	<u> </u>	22.6	23.1 25.4		74.6 26.5	24.5	27.3	25.6 24.0	20.1	. 7
≥ 18000 ≥ 16000		12.0	18.7	20.5 20.6	55.4	27.9	2.00	24.8	25.4	26.0	26.6 20.6	26.7	27.3 27.5	20.0	20.4 20.4	- 1
≥ 14000		13.1	16.4 19.4	21.0	23.i 23.;	23.1 23.5	7 5	25.0	25.5 25.9	25.3	26.c 27.1	27.1	27.7	28.5	28.0	۱،۰٪ ۱۰۰۰
≥ 0000		12.1	19.7		24.4	24.3		25.3	20.5	27.6	28.1 2d.3	28.4	7.,2	29.9	30.1 30.5	32.1
> 8000 ≥ 7000		27.6	20.5	23.8	25.2	25.2 26.4		7.7	20.4 29.6	37.5	31.1	30.7	72.0	32.5	33.4	
≥ 6000 ≥ 5000		20.5	21.7	24.0	25.5 27.7	27.8	2 1 . 3	29.1	24.8 31.3	32.2	31.3 32.0	31.4	32.2	34.6	33,6 35,1	37.4
≥ 4500 ≥ 4000		22.1	23.7		28.2 29.3	20.4 20.4	3 4	32.7	32.2 33.5	34.3	33.7	34.0 35.2	34.0 35.8	35.4	37.2	33.0
≥ 3500 ≥ 3000		25.3	24.6 26.3	28.8	30.5	30.7	3, .8	35.1	35.1 37.0	36.1 3°.0	36.8		37.0 34.6		41.0	
≥ 2500 ≥ 2000		27.2	27.0 26.3	30.0	33.7 35.2	33.9 35.5		7.7ر <u>39.4</u>	38.6 40.4	39.8 41.7	42.5	42.0	43.4	44.2	44.8	47.5
≥ 1800		30.5	29.4 31.4	35.0	36.4	36.6 39.6	4,.2	43.7	41.7	42.9	43.8	44.1	44.7 46.0		46.1	48.h 52.1
≥ 1200		33.0	33.6 35.7	39.1	41.0	41.8	47.3	49.0	47.1 50.2	48.4 51.5	49.5 52.5		50.4		54.6	27.5
≥ 900 ≥ 800		34.1 35.6	30.1 37.0		44.0	44.9	49.9	51.7	50.7 52.9	54.1	53.1 55.2	53.4 55.5	53.9 55.1	54.8 57.1	55.3 57.5	
≥ 700 ≥ 600		36.9	38.5 39.6	43.7	48.1	48.5 50.4	53.6	55.3	54.5 56.5	50.0	55.0	59.5	57.7 60.1	58.7 61.1	59.2 61.7	04.0
≥ 500 ≥ 400		39.1	41.2	45.4	51.8 53.3	52.2	58.0	60.1	59.0 61.7		64.9	62.5 55.7	55.8	67.0		
≥ 300 ≥ 200		39.3	42.5	46.9		54.8 55.1	60.4		64.0 55.3		71.3		59.2 73.2	75.7	71.5	51.0
≥ 100 ≥ 0		39.3	42.7 42.7	47.4	54.7 54.7	55.2 55.2				70.6		73.7 73.3	75.5	79.3 79.5		91.6 100.0

TOTAL NUMBER OF OBSERVATIONS

---963

USAF ET AC 101 04 0-14-5 (OL A) MEVIOUS EDITIONS OF THIS FORM ARE OF SOLETE

DATA PRICESSING PRAITS JSAF ETAC AIR FATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

HAH. AC/HUTSPUCK OF KANTY 18-77

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VISI	BILITY STA	ATUTE MILE	ES .		******				;
FEET	≥10	≥6	≥5	≥ 4	≥3	≥2 :	≥2	≥1;	≥1.	≥. ,	≥ 4	≥,•	≥ :	≥5 16	2.	≥0 '
NO CFILING ≥ 20000		20.9 23.7	22.3	23.9	29.1	25.7	2 .9	27.5 51.2	23.2 31.9				.`v	29.4 33.2	29.5 33.4	
≥ 18000 ≥ 16000		23.5	25.1 25.3	27.1	29.4	49.5 29.5	1	1.4 1.4			32.4	33.7 33.	33.3 نيزن	33,4	33.7 37	₹•6 ق 1 • 3 د_
≥ 14000 ≥ 12√0		24.3	25.d 25.0	28.4	30 · . 30 · 9	30.4		2.4 22.6	32.3	33.8 34.0	33.4	34.7	34,5 24,5	34.4	34.0	ا • 5و
≥ 9000 ≥ 9000		25.4	20.d 27.1	29.1 29.5	31.1	31.6	32	3.5ز <u>4.0</u>	34.3	34.9	35. 4 75. 4	35.7 35.4	75.5 35.9	35.6 36.0	35.0 36.7	2•0€
≥ 8000 ≥ 7000		26.7	28.0 28.7		33.4	33.0 34.0		5.1: <u>6.0د</u>	35.9 36.9	36.6 37.5	30.1 37.1	30.7	77.1	37.2 6.2د	37.4	۶۰۲ر 8۰۲ <u>/</u>
≥ 6000 ≥ 5000		27.3 22.1	29.4 30.2	31.8	34 • 6 35 • 6	34.7 35.7	3/.1	ენ • შ ა <u>ნ • მ</u>	35.9	39.7		33.° 39.7	30.6	38.9 40.3	35.1 40.5	39.7 40.9
≥ 4500 ≥ 4000		20.9	31.1 32.5	33.5 35.1	36.5	36.6	۲ . ۶)8.8 40.3	39.8 ^1.3	47.2	40.3	40.7			43.0	41.7
≥ 3500 ≥ 3000		30.4 31.7	33.1 34.5	35.5 37.3	38.6 40.4	35°.9	4, 9		42.2 43.6			43.7	45.5	45.5	43.7	44•4 40•0
≥ 2500 ≥ 2000		36.4 36.7		40.3	43.4	43.5	4 ,4	49.5	50.4	51.7	51.0	48.3	48.5 5.3		46.9 52.7	49.2 53.1
≥ 1800 ≥ 1500		30.4		43.7	47.4 50.4	47.5 50.3	5,.3	3.3 د	54.3	55.6	55.7	52.7 55.8	ں.ز 1.02		53.4 56.0	7.2
≥ 1000		42.9	46.0 50.1	53.7	54.4 58.1	54.8 51.5	61.3		59.5 63.4	64.7	50.9 54.0	64.3	61.3	65.5		
≥ 900 ≥ 800		47.2	51.5 52.9		50.0 61.0	62.2		66.2	67.3			63.3	66.9	67.1	69.0	
≥ 700 ≥ 600		49.5	53.1 54.2		62.9	55.5	65.5		70.8	72.0	76.3	70.4 72.3	70.8		73.1	74.0
≥ 500 ≥ 400		50.2	54.0 55.3	60.5	66.0 67.4		7:.9		77.1	78.9	75.7	75.8 79.7	79.0	76.5 79.9	76.7 90.1	0101
≥ 300 ≥ 200		50.6	- ,7 -0.0	61.4	68.7		7-,7		81.0	84.8		82.9 85.5	86.5	83.9 87.3		09.9
≥ 100 ≥ 0		50.9 50.9		61.4	66.6 68.7				- 7	85.6 85.7	1	87.2 87.3	₹.8° 8.86	89.6 90.1		95•3 100•0

TOTAL NUMBER OF OBSERVATIONS_

USAF ETAC 101 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

OATA PRICESSING THA ICH USAF ETAC AIR LEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34055 Haller AF/HU-SPUCK GERMANY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	BILITY STA	TUTE MILE							
, FEET	≥10	≥6	≥5	≥ 4	≥3	≥2:	≥?	≥1.	≥1.	≥;	≥ ′₄	≥ .	ž 7 ,	≥5 `6	≥.;	≥ ગ
NO CEILING ≥ 20000		۲۳۰∺ ۶۶۰۹		30.± 35.€			ان . ا	47.1	39.2		33.2			33.3 37.5		
≥ 18000 ≥ 16000	_	37.7 37.7		36.∄ 36.₽		30.2	3. 6 3. 8		40.0	40.1		4~• 1	40.4 40.3		40.4	
≥ 14000 ≥ 12000		33.5 34.3		36.5 37.4	_	35.5 47.4	1	+9.3 +1.3	40.4 41.4	40.5	1	41.5	41.5	41.6		47.0 41.0
≥ 10000 ≥ 9600		34.2	30.3	38.4 39.4	41.7	41.7	4 . 3	42.5	42.7	47.8	42.0	47.	44.7			G - 6 7
≥ 8000 ≥ 7000		38.1 37.1	39.0	41.5	43.7	45.2	4, 3	46.0	45.1 47.2	46.2 47.3	1	45.3	45.2	46.3		47.3
≥ 6000 ≥ 5000		37.7	42.0	43.3	45.7	\$4.00 40.00	47.4	47.7		48.0	48.0	48.4	43.5	43 • 1;	45.i	47.5
≥ 4500 ≥ 4000		43.5	43.9	45.9		40.5 21.2	5 .0	20.4	50.5	50.6	50.0	50.4 52.7	50.0	50.8 52.8	50.3	50.00 8.50
≥ 3500 ≥ 3000		45.0 48.6	47.0 50.5	50.L	53.7 50.3	54.7	54.4	54.8	54.9 56.0	55.2 52.3	55.2	55.3 58.4	6,50	55.4		55.4 5:.5
≥ 2500 ≥ 2000	<u> </u>	55.2	55.9	58.2	62.0	67.2	53.0	03.5		64.1 69.0	64.1	64.7 68.1	54.2	54.3 58.2		54.5
≥ 1800 ≥ 1500		57.n 58.q		62.3	68.7	66.3	67.7	68.3	58.4	65.8	58.8	69.5 71.7	58.9 71.7		69.0	69.0
≥ 1200 ≥ 1000		01.3 c2.7	64.9	67.6	72.5	72.7		75.3		75.9	75.9	76.0	76.0 78.0	•	76.1	76 • i
≥ 900 ≥ 800		62.9	57.3	70.1	75.5	75.7	77.8 75.1	78.4	78.5	79.0 60.3	79.1	79.2	79.2			
≥ 700 ≥ 600		53.9 54.5	58.3 69.0	71.3	77.	77.3 78.8	30.0	å0.6	80.8	81.3	21.4	81.5			31.7	01.6
≥ 500 ≥ 400		05.2	69.9	73.3	80.4	81.1 82.0	84.2	85.3	85.4	86.0	86.2	86.3	90.3	86 ∙ 5		š6•>
≥ 300 ≥ 200		65.4		73.6	81.0	82.5	87.0	88.5	89.4		91.2	91.3	91.3	91.4	91.4	91.4
≥ 100 ≥ 0		65.4 65.6		73.0	82.0	82.7	87.4	39.9	91.0 91.0	92.7		93.9		95.2 95.2		

TOTAL NUMBER OF OBSERVATIONS____

USAF ETAC 101 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CATA PROCESSING TRACONUSAL ETAC AIR EATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34055 HARRA ASTAU SPUCK OFRE & Y

3-11

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

125,-170

CEILING							VIS	181U** ST	TUTE MILE	:\$						
FEET	≥10	≥0	≥5	≥ı	≥3	≥2.	≥ 2	≥1 :	≥1.	≥1	≥ -4	≥ ′,	≥ :	≥5 'o ;	≥ .	≥3
NO CEILING ≥ 26006		24.9 33.9	28.3 35.0	29.5 37.2	31.2	37.5		33.4 42.2	33.6 42.5	33.7 42.6	73.4 42.7	33.×	34.1 42.9	34 • Z 4 3 • G	ن. 34 43. يا	34.7
≥ 1800C ≥ 16000		33.4	35.5 36.1	37.7 38.3	39.0 40.4	40.1	4.6	43.3	43.0 43.5	43.6	43.7	43.7	43.4 44.3	47.5 44.1	44.5	42.2 44.1
≥ 14000 ≥ 12000		34.3 25.1	30.6 37.0	38.3 40.1	40.5	41.3	4,.2		44.2	44.3	44.4	44.3 40. Y	44.5	44.7	44.7	40.7 40.3
≥ 10000 ≥ 9000		7.7غ 22.7	39.4 40.4	42.2	44.:	45.2 45.3	- 3	48.0 49.1	43.4	45.5	46.4	43.5	46.0 +9.∂	45.7	45. A 49. A	49.7
≥ 8000 ≥ 7000		30.8 41.8	42.0	"		42.5	5 . s	>1.3 >3.3	51.5 54.0	51.6 51.1	51.7	51.2 54.7	54.4	52.J 5~.5	52.4 54.2	2.9 2.9c
≥ 6000 ≥ 5000		42.3 43.5	45.4	48.2 49.4		51.5 52.8	5 7 5 > . 0	_4.4 55.7	54.6 55.9	54.7 56.0	54.d	55. 1 55. 3	⁵ 3.1 ₹0.4	55.7 55.7	55.4 50.5	>5•4 >6•3
≥ 4500 ≥ 4000		44.9	48.0 50.5	50.4 53.6	54 · c	54.5	i :i	.7.4	57.7 53.7	57.8 60.8	\$7.3 50.7	52.	5. L	5° • 2 01 • 2	53.4 31.4	58•d 01•3
≥ 3500 ≥ 3000		50.1	53.2 56.4	56.1	59.7 63.1	63.4	اہ ` ` ہا	აშ•1 ერ•რ	53.4 66.8	63.5 06.9	67.0	63.7	^3.6 -7.8	67.3	63.3 67.3	03.5
≥ 2500 ≥ 2000		55.5 58.4	58.6		65.5 69.2	65.8		59•1	59.3 73.1	67.4 73.2	59 • 3 73 • 3	69.4 73.4	49.7 73.2	69.8 73.6	69.0 73.0	69.3 73.3
≥ 1800 ≥ 1500		50.9	64.4	66.3 68.0	70 · 2	77.5	7_•1 75•1	73.9 76.2	74.1 76.4	74.2 76.5	74.4. 76.0	74.5 76.7	74.6	74.7 75.9	74.7	74.7 70.7
≥ 1200 ≥ 1000		01.7	05.5 65.9	69.5	73.6 74.9	73.9	70.6	78.1 79.8	78.3 80.1	78.4 80.3	78.0 80.4	78.7 80.5	78.8	77.9 30.7	78.9 93.7	78.9
≥ 900 ≥ 800		67.5 62.8	66.5	70.9 71.9	75.4 76.5	75.8 74.8	75.0 81		80.6	87.8 82.0	90.9 °2.2	81.7	2 . i	81.3 82.5	81,3 82.5	51.3
≥ 700 ≥ 600		υ3.3 ε3.5	67.6 57.8	72.3 72.6	77.0	77.4 72.0	8 . O	82.5 83.5	82.8 83.7	83.2 84.2	23.4 84.4	83.5 84.5	°4.0	83.7 84.7	33.7 34.7	53.1 64.7
≥ 500 ≥ 400		03.5	68.1 68.4	73.2	78.3 79.	73.7 79.5	82.8 83.6		84.6	85.1 87.4	85.3	85.5 87.9	75.0 0.6°	85.8 89.3	85.d 38.4	35.5 88.4
≥ 300 ≥ 200		63.8 63.8	68.5 68.5	73.9 73.9	80.0 80.3	80.3 80.4	85.7 85.1	88.1 89.0	89.1 90.2	90.2 91.5	90.5	90.5 92.7	90.8 92.3	91•2 92•8	91.4 93.5	91.4 93.1
≥ 100 ≥ 0		63.8 67.8	58.5 68.5	73.9 73.9	80.3 80.3	80.6 80.6			90.3 90.4	91.8	92.3 92.3	93.0 93.1	95.5 93.6	94.4 94.6	95.5 95.6	97.4 100.0

TOTAL NUMBER OF OBSERVATIONS

943

USAF ETAC LA 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

HATA FRECESUING RADICH USAC ETAC AIR HEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34055 HAH & ATTHET SOUTH DEATHY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

. CEIUNG							VISI	BILITY STA	TU'E MILE	S						
; fEET	≥ 10	≥٥	≥5	≥4 ;	≥3	≥2 ?	≥2	≥'.	5, ⁴	≥. '	≥′ ;	≥`.	≥ :	≥5 10	2	2€
NO CEILING ≥ 20000		24.4 20.1	27.7	31.4	33.2	33.4 37.7	۱. d د د	36.9 42.3	-		44.		30.4			-, 5. e 2a -y 6e e 2
≥ 18000 ≥ 16000		30.4 20.4	• •	35.7	!	37.1	4 2	** * *	43.4	· · · ·	44.4	44.4	44.5	44.4		44.0
≥ 14000 ≥ 12000		30.0 31.5	32.3		33.4 39.1	30.4	4 . 5	-3.1 -3.9		45.4	44.1	44.2	ن. 4 . ان ر د	44.8	45.i	
≥ 10000 ≥ 9000		32.2 2.5	33.5 33.9	1	39.1	40.9 40.9	4 .1				45.	40.7	40.2 47.0	46.2	_ ' '	+c+7.
≥ 8000 ≥ 7000		34.3 35.7	35.7	, ,	44.7	47.4	4 . 6	48.0 19.9	43.8 58		+9.7		45.7 51.6		49.9 51.5	22.J
≥ 6000 ≥ 5000	, ,	37.1 39.7	38.5 40.7	- 1	46.4	46.6	4 .9	21.3 23.9	52.2	52.8	53.0	53.1 55.5	53.U 55.5		53.2, 55.7	
≥ 4500 ≥ 4000		19.8 41.1	41.3	45.7	49.4	30.3	- 9 - 7	57.3	50.3 56.2	57.0 58.9	1	57.2	57.4	57.2 59.2	57.4	57.0 59.5
≥ 3500 ≥ 3000		44.7	45.7	50.6 53.3	55. J	56.1 59.0	5 .8	01.4	62.3	52.9 55.8	1	60.7	43.1 40.0	53.1 66.0	53.⊋ 55.∠	
≥ 2500 ≥ 2000		47.7	49.4. 51.7	54.5 57.1	59.7 62.0	67.2	60	68.7	69.6	67.1 70.2	57.3 70.4	67.7	67.3 7,,4	67.3 70.4	57.5 70.5	
≥ 1800 ≥ 1500		51.9 52.4	52.9 54.3		63.9 65.3	64.4 65.8	6 . 2	70.0 71.6	70.9	71.5 73.3	71.7 73.5	71.7 73.5	71.7	71.7 73.5	71.9 73.8	
≥ 1230 ≥ 1000		53.8 54.8	50.0 57.1	61.4	67.2	67.7 69.5	71.9 7.0	73.8 75.6	74.7 76.7	75.6 77.5	75.8 77.7	75.9	72.8 77.7	75.8	76.5 78.5	7n•2 78•2
≥ 900 ≥ 800		25.3	57.2 57.5	53.Z 63.7	69.E	09.8 70.3	74.1	75.9 76.5	77.0 77.5	77.8 78.4	78 • 1 78 • 6	78.1 78.4	78.0	78 • 1 79 • 6	78.0 73.0	75.0
≥ 700 ≥ 600		55.8 55.8	57.7 58.3	64.8	70 · 2	70.9 71.9	7ッ・2 7。3	77.0 78.3	78.2 79.5	79.0 80.3	79.2 80.5	79.2 80.5	79.2	79.2 39.5	79.5	,
≥ 500 ≥ 400		56.0 55.3	59.1 59.6	65.9	72 · 6	73.4	77.8 79.1	79.9 52.0	81.1	82.3 84.7	82.5 84.9	82.5	82.5 95.1	87.5 85.1	82.7 85.3	52.9 55.5
≥ 300 ≥ 200		56.7 56.7	50.0 50.0	1	75•4 75•4	76.2 76.2	80.9 81.6	84.9	85.3 87.1	86.7 8º.8	26.9	86.° 89.2	87.0 89.7	89.8	37.2 90.4	
≥ 100 ≥ 0		56.7 56.7	60.0 60.0	67.5	75.7 75.7	76.6 76.6	~ .		88.4 88.4	90.6 90.6		91.5	91.9		93.4	96•9 130•3

TOTAL NUMBER OF OBSERVATIONS_

___<u>? j</u>

USAF ETAC 100 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CATA PROCESUING TRANCE ISAR FINC AIR EARTER SEPVICERMAN

CEILING VERSUS VISIBILITY

±4053

HARLA AS/HUSSOCK DERMATY

2-7

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS:

217.-773.

CEILING							VIST	BILITY STA	TUTE MILE	5				-		
FEET	≥10	, ≥6	≥5	≥ 4	≥ 3	≥2 -	≥ ?	≥:	≥1.	≥,	≥ .	≥ .	≥ :	≥5 '≎	≥.	≥3
NO CEILING ≥ 20000		ري 31.3	30.1 31.9	31.8 34.1		33.3	7 . Ž 3 . ý	.7.8 ,1.8	35.1	38.6 41.9		30.4 42.4		40.9 43.4		40.2 45.2
≥ 18000 ≥ 16000		31.7	32.4	34,4 34,4	35.4 32.1	35.9	3 .4	-1.2 41.2	41.6	42.3		42.	4 5 . 44 6 3 . 44		43,5 43.5	44.1
≥ 14600 ≥ 12000		۱۱۰۶ 32.0	32.7	34.5 35.1	3¢. (34.1. 35.3	3 .54 4 .1	41.3 42.0	41.7	47.4 43.0	42.5 43.4	42.4	خ. د ۴ د د د ۴	43.7 44.5	43. X 44. u	
≥ 10000		32.6 32.2	33.4 33.4	35.5 35.2	37.2 36.1	37.3 35.2	4 . 3	42.5 43.5	42.9	43.6	43.3	44.1	44.7 الارت	44.4	45.1	45.4
≥ 8000 ≥ 7000		۱.۵ز ۲۰۸ <u>د</u>	35.4 30.9	38.3 39.6	40.7	47.7 47.7	44.4	46.1 .7.5	40.6 48.0	47.2	47.0	47.5	40.4 49.9		49.3 50.3	4°•4 5°•1
≥ 6000 ≥ 5000		36.6 27.8	37.4 38.d	40.2	42.7 43.4	42.8 44.1	40	48.2	40.6 50.1	49.5 50.8	49.5 51.1	50.7 51.9	7.7 2.0	21•2 52•5		21.2 22.2
≥ 4500 ≥ 4000		47.5	39.3 41.3	42.1 44.2	44.0	45.9	4 .4 5 .3	53.6 53.1	51.3 53.8	57.1	52.4 54.7	57.	ڏ.ز؟ نيز <u>:</u>	53.6 56.3		<u> 50.2</u>
≥ 3500 ≥ 3000		44.8	44.4	47.5 48.5	50.5 51.6	50.7	53	56.5 57.8	57.3	55.0 59.3	55.4 59.7	5-07	59,2 5,3		59.4 61.1	56.1 <u>51.2</u>
≥ 2500 ≥ 2000	<u> </u>	46.4	47.4	50.4 52.3	55.7 55.7	55.9 55.9	57.8 57.8	69.1	60.8 62.8	61.6	61.7	62.7	54.5	5.50 5.4	53.3 53.4	ر قور
≥ 1800 ≥ 1500		48.7 50.1	49.7 51.1	53.5 55.1	57.1 59.1	57.3 59.2	61.3	03.5 55.9	64.3	65.2 67.5	65.5 57.9	65.7	65.3 4c.7	06.9 8.20	50.7 49.3	و = د
≥ 1200 ≥ 1000		57.3 53.3	53.4 54.4	57.4 58.4	63.0	01.9	50.5 57.9	68.7 77.1	69.5 70.9	70.6 72.0	70.9	71.2 72.4	71.0 73.2		72.4 73.5	72.3 74.1
≥ 900 ≥ 800		54.8	54.6 56.4	59.0 60.4	63.5	63.8 55.4	65.4	70.7	71.4 73.1	72.6	72.9	73.7 75.1	73.5 75.5	74.4 75.2	74.4	74.6
≥ 700 ≥ 600		55.2	50.5 57.1	61.4	65.7	65.9 56.7	77 77	72.9 74.1	73.7	74.9 76.1	75.2	75.5 75.7	70.2 77.3	77.9	77.4	75.7 7ē.1
≥ 500 ≥ 400		55.9 55.9	57.1 57.5	62.5	67.9 65.8	06.2 69.1	73.5 73.0	75.8	76.8	72.1	78.4 80.4	78.7 80.9	79.4		79.9	60.4 32.4
≥ 300 ≥ 200		56.1 56.1	58.0 58.0	63.3	69.7 70.1	70.0 70.4	75.9 77.2	78.3	79.6	84.1	82.4 85.1	32.7 55.7	5.ن° °5.4		34.5	58.7 58.7
≥ 100 ≥ 0		56.2	58.1 58.1	63.5	70 • d	70.9 70.9	75.0 72.0	81.0 81.0	82.6 82.6	85.4 85.4	56.9 36.9	87.7	28.5 98.3	90.6	91.4	94.3 100.1

TOTAL NUMBER OF OBSERVATIONS_

927

USAF ETAC 101 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE DISOLE

DATA PROCESSING PRANCE USAH EINC AIR GAIHER SERVICE/"AC

CEILING VERSUS VISIBILITY

34005 HARL AS/HE'SPUCK OFFICE

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							√IS1	BILITY STA	tute wile	S						
FEE!	5,2	≥ŏ	≥ 5	≥ 4	≥3	≥2	≥ ?	≥' =	≥.•	≥,	≥ -4	≥`•	≥ :	≥5 16 '	≥.	≥0 /
NO CEILING ≥ 20000		ر ۲ , ۵ ر ۲ , ۵	24.9	26.7 30.4	2000	20.7	3 . 7	21.d ₹.dc	32.4	33.1 37.4	33.3	33.°	3.7	34.7	34.4	24 • ts
≥ 18000 ≥ 16000			23.4	30.0 30.7	32.7	23.0 33.1	19 11	20.31 25.49	30.9 37.3	37.6	37.7	33.1 33.7	30.2 32.5	32.5 38.3	35.4	ت.ئر د.وز
≥ 14000 ≥ 12000		27.4i 27.0i	28.U 29.2	1	33.2	33.4 34.1	3 . 4	35.5. 37.4	37.3 36.3	37.1 37.8	38.3	38.	٠٠. اد. ود	۱۰۹۱ ۱۳۰۹ز	39.4. 43.1	30.9 50.3
≥ 10600 ≥ 9000		2°.6	29.4 30.4	32.4 33.0	34.4 35.5	35.9 35.5	۲ c	3.3ر 0.9	35.9 37.6	39.7 40.4	4C.4	40.2 40.0	40.4	47.2 41.5		4 .~
≥ \$000 ≥ 7000		30.1 31.1	31.3		37.1	37.2	*	+0.8 +2.0	41.4 42.6	42.2	42.4	42.7	44.6	43.3	43. J	44.2 45.4
≥ 5000 ≥ 5000		31.7 32.7	33.4		35.4 43.7	30.0		-2.7 44.3	43.3	45.5	44.4	44.4	44.9	45.2 45.6	45.5 40*	45•li •7•≥
≥ 4500 ≥ 4000		5.5.5 7.5	35.4 36.d	36.0 39.5	41.4	41.3	. • •	45.2 47.2	45.8 47.9	45.7	47.3	47.7	47.4	47.3 5^.9	48.1	44.₹ 20•3
≥ 3500 ≥ 3000		3°.7	38.7 40.7	41.년 43.월	47.5	45.4	5 0	49.4 51.0	50.2 52.3	51.1 53.2	51.3	51.4 53.1	51.9 54.1	52 • 2 54 • 5	52.3 54.7	53•€ 55 <u>•</u>
≥ 2500 ≥ 2000		40.8 42.7	42.5	48.2	49.5 52.	49.7 52.3		54.Q	54.7 57.4	55.7	56.0 58.0	56.7 59.1	96.5 54.3	50.7	57.4 50.4	57.8 5′•4
≥ 1800 ≥ 1500		43,5 45,4	47.5	49.1 51.3	53.0 55.4	53.3 55.7	50.0 50.0	>7.8 >0.4	55.5	5°.6	59.9	60.1 62.3	40.4 43.2	სე•მ 5³•6	61.1 (3.4	01.7 _4.4 <u>c</u> _
≥ 1200 ≥ 1000		47.5	49.5 51.5	55.8 55.6	56.1	59.4		63.5	64.2	65.4	65.7 68.1	65.7 68.3	56.3 53.6	66.7 67.0	€.00 €.90	67.5 75.3
≥ 900 ≥ 800		40.5 50.4	52.1 53.2	56.2 57.5	60.9	61.2 62.8	54.6	68.1	67.3 69.0	69.5 70.2	68.9 70.0	69.1 73.9	69.4 71.1	71.5	70.1 71.3	7(.7
≥ 700 ≥ 600		50.7 51.4	54.5	58.1 59.1	63.3	63.6	68	9.1 70.8	70.0 71.7	71.2 73.1	71.c 73.4	71.°	72.1 74.L	72.5 74.4	72.8 74.6	73•4 75•3
≥ 500 ≥ 400		52.1 52.3	55.3 55.7	60.9	65.2	67.9		72.9	73.9 75.1	75.5 77.8	75.9 73.2	75.1 78.5	76.4 76.8	76.9 79.3	77.1 79.4	77.9 5°.3
≥ 300 ≥ 700		52.5 52.6	56.0 56.2	61.7	68.9	69.0 69.5	74.1	77.0 78.2	78.4 80.1	83.0	81.1 23.7	84.1	ຊ່າ. ສ 24. ອ		52.7 30.3	63•≯ ₹•7±
≥ 100 ≥ C		52 .7 52 .7	56.2 56.2	61.9 61.9	69.1	69.7 69.7		78.9 78.9	81.0	84.3	85.3 35.4	85 • 1 86 • 1	97.1 27.2	89.3 89.6	90.9	1

USAF ETAC 104 0-14-5 (OL A) MEVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

C

UATA PR CESSING TRANCH USAF ETAC AIR LATHOR SERVICE/ AC

CEILING VERSUS VISIBILITY

34955 H.H. 42/45 55 55 05 05 17

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

VISIBIL TY STATUTE MILES CE JING ≥? '≥'- ≥'. ≥3 ≥4 . ≥3 NO CENING ≥ 20000 17.9 10.0 19.2 21.3 21.3 2... 22.7 22.7 23.3 23. 23.5 23.9 2,8000 19,0 19.7 20.4 22.0 22.6 24.5 24.6 24.6 25.7 75.7 25.4 19.0 21.7 22.7 4.7 22.7 ≥ 14000 19.3 19.7 21.2 22.1 22.3 2... 24.9 24.9 25.5 75. a 25. S. 5 23.4 21.4 23.1 25.2 25.7 23.1 5.2 25.3 25.3 ≥ '0000 27.4 71.4 22.4 24.4 24.4 : .g 25.7 20.7 27.3 27.4 27.5 27.4 ≥ 9000 21.7 24.4 2 .7 24.7 27.2 25.4 27.4 21.7 22.4 23.7 25.4 25.4 2.5 27.6 27.6 27.6 25.2 26.4 25.4 25.4 25.4 29.1 29.1 ≥ 8000 ≥ 7000 28. 23.5 24.7 20.5 20.5 25.1.26.5 2n.d 20.4 ≥ 6000 ≥ 5000 . 7 29.6 23.6 20.2 29.3 29.4 79.5 29.8 39.8 30.8 30.9 31.2 ≥ 450C ≥ 400C 21.3 31.5 31.5 20.1 32.2 32.7 32.5 34.5 35.3 36.6 37.9 24.9 28.4 29.7 32. 35.4 35.9 35.7 32.2 <u>54.5</u> ≥ 350C ≥ 300C 27.7 30.0 31.3 34. 34.2 35.5 37.4 37.9 37.4 37.3 40.2 41 d 41.9 40.1 41.4 ≥ 250C 44.7 44.0 44.0 45.1 45.3 45. 35. J 36.6 40. J 40.6 43. J 43. J 43.7 ≥ 2000 48.d 43.1 42.7 43.4 37.4 39.4 43.9 44.4 4-.7 45.9 47.3 49.1 49.2 50.2 50.3 50.4 50.7 57.9 53.9 53.6 54.6 54.7 54.9 55.0 55.2 ≥ 1800 39.d 41.3 40.4 46.2 4...9 . 200 <u>50.4 5..1</u> 43.5 45.4 50.3 59.4 59. 61.9 c2. ≥ 120C 47.0 49.8 55.1 58.4 59.5 57.4 59.8 60.0 50.4 61.0 55. 58.2 50.6 57. 60.9 49.7 62. ii 50.9 53.5 59.1 62.1 62.5 62.8 63.8 53.9 48.8 59. 54.7 65.4 35.4 900 54,5 64. 80C 06.7 66.8 53.2 65.4 65.7 66. 68.4 58.5 75.5 76.6 67.4 69.5 700 54.5 63.1 63.3 68.4 59.4 59.0 70.4 51.4 57.5 56.5 66.9 59.0 60C <u> 58.9</u> 71.5 65.0 58. 63.5 <u>55.ú</u> 64.9 70. 72. 74.1 57.1 68.7 68. 73.5 75. 75. 53. 400 79.1 79.4 79.5 57. 77.2 78.3 78.5 71. 71.4 75.5 78.5 75.6 83. 72. 73.1 80. 82.2 83.5 ≥ 58.4 63.0 .55 20C 88.0 63. 38.5 73.5 9. 63. 79.7 84.q 87.0 57.d 91.4 92.3 100 73. 82.3 68.2 89.4 84.d 27.d 37.d

TOTAL NUMBER OF OBSERVATIONS

898

CATA PRICESSING TRAINS USAF ETHE AIR EATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34055 Habe 45/4015245 WERFANY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1277- 36

TE% ∾G							V15 !	8.74 STA	"JTE MILE	5						
iff.	5,0	≥e	≥5	≥ 4	≥3	≥7 :	≥2	≥ :	≥. • ¦	≥1	≥ .	≥`•	≥ : .	≥5 '6	≥ .	≥0
NO LERING ≥ 20000		15.7	15.3	1	18.3	13.7		. 7.5	1	20.2 21.5	20.2	20.4	22.3	-	21.2	
≥ 1800C ≥ 5000		14.4	17.0	- 1	19.d 20.5	20.1		1.2	21.3		22.3	22.5	^2.3i	22.4	22.1	خ.دُد د.د.
≥ 14000 ≥ 12000		17.4 17.9	18.7	20.2	20 . 7	21.0	2.0		22.5	22.7	22.4	23.7	2.ć د.د	23.5	23.7	24.6
≥ '0000 ≥ <000		17.9	19.4	20.5	21.1	21.4	22.3 22.1	22.4	22.5	23.1	73.2	23.7	^3.5 ^3.9	23.5; 23.7	24.1 24.2	24.5
≥ 8000 ≥ 7000		12.9	19.5	21.0	21.3	21.7	2:.4	,	23.0 23.5	22.5	23.0	23.7	34.0 24.5	24.1	24.5 25.1	25.7
≥ 5000 ≥ 5000		10.1 19.7	20.3	21.7		22.5	2.3	23.9 24.6	24.0	24.5	24.5 25.4	24.7	?>.vi ?>.ci		25.5 20.2	-70'A
≥ 4500 ≥ 4000 !		22.4	21.0	23.2	23.9	24.1 27.5	2 . 4	25.4 29.0	23.5 29.1	26.1 29.7	25.2 29.3	20.7	20,5 30,4	26.6 37.2	27.1 ₁	27.3
≥ 3506 ≥ 3000		25.3 27.9	29.Z	26.3	29.3 32.4	29.5 32.7	4. 3 7.ر3	1.0 24.2	31.1 34.7		71.9 35.5	32.7	22.2 ان, ود	32.3 35.9	ئ.32 اد.36	2 • 3 د د • در
≥ 2500 ≥ 2006		37.9	34.4	34.1 37.1	35.c	35.8 32.4	39	37.5 41.5	38.0	32.8	39.J	39.1 43.7	39.4 15.5	32.5 43.6	39. ×	40.4
≥ 1500 ≥ 1500		34.3 35.5	35.7 37.0	35.4	40.4	40.6	44.6	42.7	43.4	44.1	44.4	44.5 47.2	44.7	44.5 47.5	45.3	45.4
≥ 1200 ≥ 1000		4^.4 42.8	41.d	45.Z	47.6 50.4	47.9 50.7	47.0 52.0	50.4 53.4	51.1 54.2	51.8 55.0	52.1 55.4	52.2 55.4	52.4	57.5 55.9	53.3 56.3	53.4 26.7
≥ 900 ≥ 800		47.3	45.3	49.4 52.1	52.0 55.0	52•3 55•3	57.5	55.Q 53.3	55.7 59.1	56.5	56.3 50.3	57.7 62.4	57.2	57.4 61.9	57.3	59.3 21.
≥ 700 ≥ 500		46.6	45.4 50.4	54.q 50.1	57.4	57.6 60.8	53.9	60.8 64.7	61.6 65.6	62.5	66.5	63.7	63.2 67.1	93.4 67.4	67.9	04.3
≥ 500 ≥ 400		49.3 49.7	52.2	58.1 59.3	63. (1 65. j	63.4	69.2	67.8 72.7	58.7 71.0	69.7 72.6	70.0	70•7 73•;	70.5 73.4	70,8 73.7	71.2	71.7
≥ 30° ≥ 20°		50.1 50.3	53.4 53.6	60.7 60.1	67. d	68.2	- :	74.9 77.1	76.9 79.4	81.5		79.7	79.0 63.4	35.1	31.3	21.6 20.5
≥ 100 ≥ 0		50.3 50.3	53.6 53.6	60.5 60.0	68.1	68.9 68.9		77.8			33.9 83.9	54.7 84.₹	60.1 °3.4	88.9	90.4	

TOTAL NUMBER OF OBSERVATIONS

<u> 597</u>

USAF ETAC AR OF 0-14-5 (OL A) MEVIOUS EDITIONS OF THIS FORM ARE DESCRETE

0414 PRICESTED FRA CH 0546 ETHE 418 FAMILE BERVILEXING

CEILING VERSUS VISIBILITY

34(3): 641. 67/40 3500K 06874 18 5-7

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

(50 -... g

CE LING							vISIE	311."Y ST4	FUTE MILE	5						
*{{************************************	≯,¢	≥.	≥5	≥4	≥3	≥2 -	≥ 2	≥ ·	٤٠.	≥.	≥ .	≥,	<u> </u>	≥5 %	≥.	≥0
NO CELNO 2 20000		12.4	12.3	12.4 14.2	13.0	13.7	10	14.8	15.1	15.3	15.4	12.7	17.6	17.5	15.1	100
2 15000 ≥ 15000		17.4	13.4	14.4	15.1 15.3	15.2	1 . 4	15.4	17.0	17.2	17.3	17.4	17.5	17.5 1^.1	17.4 13.1	1 -4
≥ 14000 ≥ 2000		12.7	15.0	15.6	16.7	14.3	1 .4	17.7	16.2 19.0	13.4	15.7	19.7	15.4	17.2	19.2	19.7
≥ 000C ≥ 000C		14.1	15.1	15.3	17.1 17.1	17.2	1 .4	15.7	19.2	10.7	19.4	17.9 21.4	7:7	E.75	20.1	21.0
≥ 8000 ≥ 7000		1= q	17.3	18.3	15.d	10.4	2.1	1.0	21.0	21.4	21.4	22.7	21.d	22.5	22.4	20.5
≥ 5006 ≥ 5006		14.4	18.1	18.4	19.7 20.3	17.8	2.00	22.7	21.9	22.3	24.5	22.4	72.7	23.1	23.1	23.4
≥ 4500 ≥ 4000		10.7	19.7	20.4 22.a	21.3	21.4	22.8 2.J	23.2	23.9	24.3	24.3 76.d	24.7	34.d 37.d	25.3 27 d	25.3	20.3
≥ 3500 ≥ 3000 ±		27.7 23.4	22.d	25.4	27.4	24.5	7	(6.3 (9.8	27.d 30.d	27.4	27.7	27.7	27.9	22.6 33.1	2ã.u 32.1	27.7
≥ 2500 ≥ 2000		24.4	20∙ä 30•4	27.9 31.5	29.4	29.4 33.6	31.0	11.4 5.4	32.3	32.8 37.9	33.0	33.7	73.7 76.5	34.7	34.d 39.2	34.
≥ 1900 ≥ 1500		2°•4 32•∃	31.q 34.q	33.1 36.0	34.9 38.7	35.0 38.8	37.0	37.7	38.8	39.4	39.7 43.8	40.7	40.1	40.8	40.5	41.4
≥ :200 ≥ 1000		35.1 39.2	38.7	40.8	43.1 45.5	43.2 45.9	45.3	45.0 43.5	47.1	47.8 57.6	51.3	43.4	40.7	49 • 3 52 • 2	49.3 52.4	370 L
≥ 900 ≥ 800		39.4 41.3	42.8	45.3	48.2 50.4	48.3 51.0	5. • 7 5 • • 4	51.3	52.4 55.4	53.1 55.2	50.7	53.9 57.	67.1	54 : °	54.5	25.d
≥ 700 ≥ 600		47.9 44.3	45.4	49.3 51.4	53.4 56.1	53.6 54.2	56.2 51	57.4	50.5	59.3 62.4	52.3	03.	50.2 50.8	61.0	54.2	51.5 63.
≥ 50C ≥ 40C		45.3 47.5	50.0	54.1 55.9	59.6 62.5	59.9	65.3 66.9	05.0	55•3 70•0	67.2 71.0	57.7 71.4	68.1	78.2 72.0	69 • Q 72 • 8	69.0 72.3	73.5
≥ 300 ≥ 200		46.1 48.3	52.4 52.4	57.1 57.4	64.2 65.0	64.4	7 3	72.7 75.0	74.1 77.6	75.7 79.7	76.2 86.7	76.7 81.7	77.d	77.9 82.9	77.9	78•7 ≈5•ē
≥ 19C ≥ 0		49.3 42.3	22.4 52.4	57.4 57.4	65.0 65.0	65.4 65.4	72.3	75.2 75.3	78.1 73.2	80.7 80.8	82.0 92.1	82.9	94.0	37.0 87.2	89.43	

OTAL NUMBER OF OBSERVATIONS ______90

USAF ETAC RICOM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLE

C

WATH PROCESSING THE OFF USAF ETHE

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

£ 3%							**3.6	31 TV STA	TUTE MILE	5						
ŧŧŧ. ,	≥ ≎	≥ 6	≥5	≥ 4	±3	≥2 -	≥2	≥	≥' ₄	2	٤.	2 1	ż ,	≥\$ 0	≥.	≥0
NO 15N/NO ≥ 20000		14.1	13.4	14.2 16.2	12.0	17.7	Z	13.5	10.4	17.4	ic.	10.0	10.5	13.7	:€.7 ⇒.3	2.3
≥ 8000 ≥ 5000			15.4 15.4	17.1 17.1	10.3	12.5	1 .1	19.2	19.4	10.4	19.4	17. 4	19.7	2 .3	19.3 20.3	2
≥ 12000 ≥ 12000		1.4	17.0	18. λ [8,7.		19.5	2 ·1. 2 ·d	23.7 21.4		21.4	20.	25. × 21.4	7	21.7	21.4	21.2
> 5000 ≥ 3000 ≥ 3000		[7.5] [°.5]		19.9 20.8			2. • <u>2</u> 2. • 4	, 3.5	23.7	27.7	24	22	3. i.	27.4 24.5	24.4	13. " . " • •"
≥ 8000 ≥ *300			20.5	22.3	23.4 24.4		2.3			24.5 27		24.7 25.78	24.∰ 20.1,			25.7
≥ 5000 ≥ 5000		21.1	72.i. 22.a			25.7	2 3 2 3			24.5 26.9	27.	27.3 27.3	9.0°	27.3 27.3		.7.7 !*• #
≥ 4500 ≥ 4000	-	42.5	23.0 23.7		25 · \$ 27 · ;	24.3 27.1	?i		,	27.5	18.2	27.3 28.3	73.1	८२ - ह	2=.7 24.7	2 ° • i.
≥ 3500 ≥ 3000		ر۲.۹ ۲4.8		25.7. 27.9		25.6 30.0	· .7.		30.1 31.7			30.4 32.1	30.0 32.4		;	31.7 33.7
≥ 2500 ≥ 2000		30.4	ر.69 لا.55	29.≋ 33.9	32.d 30.3	¥3€ €.∂c	- ;	33.9 18.3	34.0	30,7	34.4. 36.∌	_	34.7	35.3 3°.3	35.3 40.3	4001 4002
≥ 1800 ≥ 1500		35.4					37.3	9.8 44.5		40.3 45.1	45,4		40.5 45.0	46.4	40.0	42 · c
≥ 1200 ≥ -000		44.5	46.7	46.2			53		55.2	51.6 55.4	55.7		_	3?•9 55•7	57.	27.7 27.2
≥ 900 ≥ 800		40.7		53.7		54.3	4	55.7 60.0	60.3	60.7	fi.	57•7; <u>61•3</u>		02.1	62.3	50
≥ 700 ≥ 500	-	51.1 52.5	53.7	57.3	61.3 64.0	64.7	64.4	05.0 09.2	69.6	73.3	7C.0	06.3 10.7	71.4	57.2 71.7	72.0	58.03 72.3
≥ 500		53.7	56.7 57.1	61.3		65.9	74.2	75.8			75.5 78.3	75•4 75•1	75.4 75.4	74.1	79.3	77.4
≥ 300 ≥ 200		33.8 53.8		62.5		69.7 70.3				63.2	74.2		95.J	85.2	20.5	30.5
≥ 100 ≥ C		:		62.5 62.7		70.3 70.4				84.5				30.5	92.0	95.2

USAF ETAC TILES 9-14-5 (OL A) REVIOUS EDITIONS OF

JATA PE C.531 7 TATIO JSAF ETAC OTA PATRICA SERVICE/ AC

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

15 c NG							- 5:	34 Tr \$T4	t v.£	٤						
·ff- •	\$.0	≱ ≎	25	≥ 4	≥:	≥;	≥ :	2	٤.	2	2 4	2.		25 a	٤.	<u> </u>
NO €1.NO 2.2000		-	14.1	14.4 15.0	12.4	15.3	_	-		17.1 21.2	16./ 21.2	1~. ~ 2\	~ 4 " "		24.5	. • • •
≥ 500¢ ≥ 600¢		F .	is.a	19.4	K.65	21.1	2.2	1.7		21.5	22.3	21.7	`	21.7	71.7	, ; • à
≥ 14000 ≥ 17000		20.0	19.7	20.1	21.4	23.7		3.6	22.4	22.5	22.x	22.3	4.1	21.9 24.1	72. #	<u> </u>
≥ '0000 ≥ 9000		•	22.5		24.4	25.5	2,.3	25.4	23.4	23.6	75.a 16.a	23.7	:	25.4	25.4	
2 8000 2 "000		7.5	24.4	24.7	2:•4	2 5	7 .3	_7.4	27.4	2 .6	27.a	27.7	77.4 72.1	27.9	27.3	, i.
≥ 6000 ≥ 5000		25.7	76.J 26.d	20.3	25.4	₹. 3	* • 4	,9.2	29.2	2^.4 3:.3	77.4	29.7	75.7		29.7	30.3
≥ 4500 ≥ 4000		25.3	27.3	27.4	2 • 4	20.4	• • 4	37.3	30.3	37.2	70.⊲	31.1	11.1	31.7	31.4	310-1
≥ 3500 ≥ 3000		25.7	30.d 34.1		33.4	3=.4			34.6	34.9		35.7	12,4	35.2	35.2	15.3E
≥ 2500 ≥ 2900		E.At.	37.7	39.J		41.4		47.4			45.3	43.4	٠, ٠, ٠	43.4		47.7
≥ 1800 ≥ 1500		43.5	44.9 51.2	46.7 53.2	49.1	47.7		37.5 37.0	50.6		51.1 57.3	51.7	51.4 57.7	51.4	51.4	21.7
≥ 1200 ≥ 1000		55.7		59.0	51.4	01.8	50.3	55.7	63.2	62.3 67.1	63.7 =7.3	67.4	44.d	04.0 e7.a	67.0	34.2
≥ 500 ≥ 800		59.4	50.d 52.4	E.60	66.1	66.3	7.6	57.5	57.9	58.2	58.3 71.3	02.4 72.1	* 8.7 72.1	54.7	46.7 72.1	72.4
≥ 700 ≥ 600		31.4	53.7 55.0	67.4 69.0	70.9	71.3	73.0	74.4	74.5 76.7	74.8 77.0	74.9 77.1	75. I	75.3 77.a	75.3 77.6	75.4	75.3
≥ 500 ≥ 400		53.4	65.8	70.4	75.5	75.9 77.1	72.d 52.7	30.Z	83.7	81.5	51.d 24.7	61.9 85.1	42.4 25.2	85.Z	52.4 95.3	2.4
≥ 300 ≥ 200		53.5 63.9	56.6	71.0	77.0	77.7		53.R	85.4 90.8	85.6	97.4 90.1	87.4 90.4	98.1 9.9	88.5	- 1	*3.7 *2.7
≥ 100 ≥ 0		63.5	56.0	71.E 71.E	77.1 77.1	77.9 77.8	82.4	55.4 55.4			9C.7	91.7 91.7	°2.4	94.4 94.5	- 1	. 7. d

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIO

ATA PRICESTANTATO JAAR ETHE ATRICES SLOVICENIES

CEILING VERSUS VISIBILITY

14055 J.A A / 4. STUR U F. 4.

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

: •							• \$ (}	Turk wild	is .						
	<u>:</u>	20	21	2.4	± -	z:	≥:	≥	2 -	2	<u> </u>	<i>z</i> •		?: :	<u> </u>	2:
√ €. 234				22.4			· .1			2,4		۲٠٠٠	` >		33	. 6
2 59		7:.3	22.1		23	24.4	7 7	.5.4	22.5				_	25.3	75.5	النائد 1 • 6 غ
2 20			23.7	24.1	25.7	د ٠٠٠	7.7	7.0	27.1	27.1	7.;		****	٤7.3	77.3	3
2 3			27.3	4ê.)	25.4	23.7	- 4	, .7	3,.6		73.2	3	-	31.7	21.3	-:-
2 80 2 3		27.6	د و و ع	29.5	31.4	: •5		5	32.5	37.6	2.0	3	2.7	3 . 2	32.5	
≥ 50 ≥ 50		. · · · · · ·	29.>	30.7	32-3	3 . 4	· · · · · · · · · · · · · · · · · · ·	5306	33.5	3:.5	33.	ع . ق	33.6	33.7	33.	اڑ • ≱ز
2 45 2 40	a	4 ، 4	30.≒	31.4	35∙≎	33.5	-	5 → + 8	34.9	34.9	ી•, #	34.0	35.0		75.2	٠.٠
2 35	•	:4.5	ية.وَد		39.5	32.7	4 .0	-1.7	31.L		41.3	41.7	-1.7	41.9	41.5	42.
2 .5	x	•1.7	42,5	44,5	47.4	47.7	44.9									
≥ 30 ≥ '\$	oc	٠٩	46.3 48.3	50.3		53.9	*5.1	25.7	55.a		No. J	56.1	٤.3	54.4	50.7	>
2 5	×						4 .4 55.6									
≥ 00	×						27.9									
≥ 5:	∝ ∝	59.7	52.d	65.3	70 • a	70.3	7 5	73.7	73.9	74.3 70.1	74,3	74.4	74.4	77	73. t	75.2
≥ 50 ≥ 54	-						7:.9	78.1	78.3	70.1	79.3	79.3	79.a	79.7	79.7	<u>ت • ک</u>
2 4		c2 • 2	65.2	68.9	72.7	75.2	· .z	c1.8	2.5	85.9	<u> 23.7</u>	87.7	24.u	34.5	24.7	⊌5• ₽
	00 ! 00 !	02.3	65.4	69.0	77.	77.8	9.7	£4.3	ช5 <u>. รี</u>	87.8	98.Z	83.4	9.0	90.7	91. j	71.4
ءَ ۗ ٤	<u> </u>	52.3	65.4	69.4	77.1	77.9	3.8	4.5	35.7	82.2	99.	55.9	31,7	91.3	94.4	100.4 100.4

TOTAL NUMBER OF DESERVATIONS

- 39

USAF FTAC NOW 0-14-5 (OL A) PREVIOUS ESPECIAS OF THIS FORM ARE DISOUR

MATE PROCESSE CONSERVAGE ATRIBLE EATHER SERVICE/MAG

3

CEILING VERSUS VISIBILITY

16005 Hill. AF/HU-SPUCK WPMAY

PERCENTAC & FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1 3. - 3360

CEILING				-			VIS	18161"Y STA	TUTE MILE	5						!
FEET	≥10	. ≥6	≥ 5	≥4	≥3	≥2:	≥ 2	≥1:	21.	≥1	≥ . ;	≥^;	≥ .	≥5 16	≥.	≥0 '
NO CEILING ≥ 20000		2.5	21.4	21.4		22.7	- 1	3, q	24.4	24.4	24.5	24.5	24.7	27.4	24.3	, ", a 14
≥ 18000 ≥ 16000		22.4	رغ و کا 24 و 4	24.	25.2	25.5	2 1	, 5.6 , 7.3	27.7	27.2	27.2	27.5	77.5	27.5	27.7	2-07
≥ 14000 ≥ 12000		23.5 25.3	24.9	27.2		21.5	4 > . i	28.0 29.0	20.4 3		?a.2	2: • \\ 30 • \\	?°.°. ?(,)	3 - 4	29.1 30.7	27.7
≥ 10000 ≥ 9000		_,,3 _,7.5	27.1	28.4		20.4 30.5	3 5	30.7	31.2	31.3	31.3		73.1	31.3	36.	
≥ 8000 ≥ 7000		28.4	30 • 1 30 • 5	30.6 31.1	31.4	31.7		3.3 و 94.0	33.7	33.9	73.¥	34.7	34.3	34.4	34.> 32./	54.
≥ 6000 ≥ 5000		20.5	31.0	31.5	32.7	32.9 35.1	30.0	34.4	34.9	35.0	37.3	٠٠. ٢٠٠	15.4		ن.ئ? ل.ن?	
≥ 4500 ≥ 4000		1.4 اذ	33.1	34.0		35.5	3 4	ر 41.9	37.4	37.5	42.4	3°. 1	30.4	38.3	38.4 43.2	
≥ 3500 ≥ 3090		47.1	38.6	37.5 43.1	41.7	42.3	4.4	44.0	44.4 45.1	44.7	44.7	44.0	45.1	45.3	49.4	45.9
≥ 2500 ≥ 2000		12.4	44.2	46.1 50.0	4d.:	47.3	5 . 7	51.8 5.86	51.7	51.9	51.0	52.1 55.1	52.3	52.7	52.8 50.8	53.4
≥ 1800 ≥ 1500		77.8 20.4	49.4 52.4	51.6		55.1	55		57.5 60.a	57.7	57.7	57.7	50.1	58.5 01.6	56.5	29.11
≥ 1200 ≥ .000		24.5 24.3	26.5 56.5	59.0		67.9		65.9	60.4 66.8	66.6	56.6	65.9	47.0	57.4 69.9	67.5	57.5
≥ 900 ≥ 800		37.5	59.0 50.9	62.8	67.0 68.5	67.6	67.6	69.8	70.3	70.6	70.4 72.4	70.7	71.4	71.4	71.3	71.3
≥ 700 ≥ 600		52.7 59.4	01.5	65.0	70.4	72.5	79	73.7	74.2	74.8	74.3	7: • 1	75. d	75.6	75.7 78.0	75.2
≥ 500 ≥ 400		00.1	62.9	67.5	74.1 75.2	74.6	77.7	78.7	79.4 81.7	80.4	80.4 52.9	80.4 83.i	ئ.ر ^ج ۋ بـ د	81.7	81.4	34.3
≥ 300 ≥ 200		60.9	63.5	68.6	75.9	76.8 77.1	P1.4	52.9	83.5	85.0	35.0 97.5	85.7	95.9 98.9	85.9	₹6.0 89.8	25.4
≥ 100 ≥ 0		60.5 60.5	63.5 63.5	68.6	70.1	77.1	82.2		34.7 84.7	88.2	49.0	90.2	8.00	92.4	93.4	

TOTAL NUMBER OF OBSERVATIONS____

570

USAF ETAC 10164 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SATA FR CESSIT'S TRACE USAF LIAC AIR HEALINER SERVICE/ "AC

CEILING VERSUS VISIBILITY

34055 Halle AF/Har STUCK DER A Y C-71

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY CBSERVATIONS)

CERING							VIS	BIOTY STA	TUTE MILE	ES.						
FEET	≥10	≥.6	≥5	≥ 4	≥3	≥2.	2.7	≥ ;	≥1,	≥1	≥ -₄	≥ 2	≥ 2	≥515	≥ .	≥0
NO CEILING ' ≥ 20000		رد ان ۲۹۰۲	22.0	27.5	- 1	23.9 25.6	" 4 ` 2		27.0	25.5		27.3	ى.ر د.11	Ζ*•? ?*•1	?o.⊲ ′o.∋	2700 2701
≥ 18000 ≥ 16000		23.5 ∠3.5	24.J	T	- 1	25.9	· . 7		27.3	27.8 25.0	27.5	23.3	20.1 70.6	2 . 4		20.4 20.4
≥ 14000 ≥ 12000	-	53°4 53°4	24.4	25.1	20.0	26.6		27.4 7.7	27.8	23.4	26.4 20.7	28.4	/ 	د ت ک د د ک	29.3 23.	د. در ز
≥ 0000 ≥ 9000		ू ≒ . Α ڍ ⁻ . 4	26.4	27.1	25 · 3 29 · J	20.0	/ 20	29.40 23.1	27.0		²0.4 ¹1.1	31.4		3°.9	74.	31.64 32.6
≥ 8000 ≥ 7000		27.4 27.4	28.1 28.4	25.9	30.0 30.3	3.1.0	30 33	1.1 1.4	31.0		3/•i	32.4	36.03	32.7 31.9	ړ.وي لارون	37.1 34.2
≥ 5000 ≥ 5000		که ۵ د د ع	29.1 30.7	29.4 31.6	31.1	31.1 32.7	3 , • 3 3 , • 0	32.1 24.3	32.5 34.7		33.1 33.3	33.4	خ.د ن.را	33.7 35.5	30.7	34.7 312.7
≥ 4500 ≥ 4000		30.4 34.0	31.1 25.J	32.0	33.1	33.1 37.8		.4.7 .9.4	35.3 40.0	35.7 40.6	35.7 40.0	35.0 40.0	² 0.0 4, 9	35.3 41.2	30.7	
≥ 3500 ≥ 3000		35.4 39.5	36.4 39.5	37.5 40.8	39.4	30.5 42.9		+1.3 44.6	41.7	42.3 45.8	42.3	40.5	42.0 40.3	44.5	43,3	1
≥ 2500 ≥ 2000		47.8	41.5	43.3	45.0	45.7 40.7	4/.6 5,6	→7.6 :1.9	45.3 51.5	48.8 52.1	48.8 52.1	49.7 57.4		49.5	49.0 53.1	ე^•0 53•1
≥ 1800 ≥ 1500	_	45.4	40.4	51.5	50.7 54.5	50.8 54.6	د . 8 غي. ه	33.2 .7.0	53.7 57.5		54.3 58.1	54.4 58.4	54.7 50.5	5.,Ģ >₹.7	55.3 59.1	96.1 99.5
≥ 1260 ≥ 1000		57.7 24.8	53.5 55.2	56.0 59.1	59. 1 52. 2	59.2 62.3	- 1	31.5 54.7	62.2	62.7 66.0		63.1 66.	43.2	63.4 55.9	53.7 57.2	54.6
≥ 900 ≥ 800		55.5 5°.2	57.6 50.4			53.5 66.4		66.2 59.2	69.9	70.4	70.4	67.7 70.7		71.3	56.0 71.≎	0°•3
≥ 700 ≥ 600		5°.4	60.5			58.1	7,.1	70.5 71.5	72.3	73.1	73.1	72.1		74.0	73.0 74.3	
≥ 500 ≥ 400		57.8	62.5 63.8			72.9	79	77.5	76.0 75.3	79.1	79.2	77.7		80.2	90.5	79.4 11.4
≥ 360 ≥ 200		61.3	64.0	69.7	73.9 74.6	74.9		62.1	80.0 83.5	85.4	75.7	82.7 80.1	Pt. 5	87.4		4 • 4 9 • 5
≥ 100 ≥ 0		51.5	64.6		74.6			62.8 82.8	84.4			გგ.5 გ5.7	49.3 99.4	1	92.5	

TOTAL NUMBER OF OBSERVATIONS_

LATA PROTOSULA AND AND ASSET ETHE ASSET ETHE AIR CAIMER SERVICE/ HE

CEILING VERSUS VISIBILITY

54(0) Hall 65/1/ 3800 N 0584 . (3-11

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS:

CEUNG .							٧،\$	8. TY STA	TLITE MILE	ES						
***	≥10	≥6	≥5	≥ 4	≥3 ′	≥2	≥ 2	≥ -	≥ .	≥	≥ ~	≥ .	≥ ,	≥ 5 15	≥.	23
NG CELNS 2 20000				17.4	10.4	11.4				27.8 27.8			_	6 .4	_	
≥ ·8000 ≥ ·6000		13.4	19.3		21.5	21.9	۶, ۰۶	22.7	22.9	25.2	73.0	23	33.2	43.7		24.1
≥ '4000' ≥ '2000		1°.4	20.4 E.13	21.4	22.4	22.5	2.5 2.9	23.7	23.9		24.3 25.0	24.4 25.₹	79.0 20.0		27. 7	25.5
≶ 6000 ≥ ,0000		21.7	22.d	23.2	24.3	24.4	2.5	25.8	20.0		⁵ C • 4	26.4		2°•4	27.3	27.3
≥ 8000 ≥ 7000		23.3	23.4	24.4	25 . 4	4.7	`2	7,4	27.7	2°.d	74.0	22.7	k. F.	22.5	20.7	27.
≥ 600G ≥ 500C		22.9 26.7	24.4	25.¥ 27.1	27.4	27.3	7 .4				29.5	20.4	75.3	31.2	29,7	۳۰°ر الاوار
≥ 4500 ≥ 4000		. 25.2 27.7		27.5	25.1	37.1	3 .2	ر 33.ظ	33.9	31.1	31.4	21.4	1.3	٩٠ [د	21.3 22.d	32.4
≥ 3500 ≥ 3000		20.4	30.4 R.EE	34.9	33.3	34.7	3 . Z	35.6	35.6 39.2	39.7	36.4	34.4	70./	30.9 44	17.1 4x	37.7
≥ 2500 ≥ 2000		34.5 [عرا	36.3	37.7	40.1	40.2	4	42.1 45.3	46.7		43.1	47.5	47.	43.7	40.1	44.4
≥ '800 ≥ ,500		43.7	41.2	43.1	45.7 50.1	45.1 5°.3	47.7	48.2	48.6 52.9	49.1 53.4	49.4 53.a	49.4	49.5	47.5 54.2	36.3 54.4	اد. در اد. دور
≥ 120C ≥ 1000		37.7	49.7 52.2	52.2 54.6	55.4 58.4	55.6 58.4	5".4	57.9 50.9	58.4 61.4	58.9	59.J	59.7	ξψ,ψ ^ζ•3	59.7 52.8	59.9	23.F
≥ 900 ≥ 800		51.7 52.9	53.3	56.3 58.5	59.7	50.0 52.4	6: .9	52.5	63.0	63.5	53.7	63.7	57.1	07.5	64.3	5.4
≥ 700 ≥ 600		>3.9 54.3	56.6	6C.1	66.5	64.7	51.2	68.0 70.7	68.5	69.2	59.4 72.3	69.4	72.7	72.1 73.1	70.3	70.7
≥ 500 ≥ 400		55.9 56.5	59.0 59.7	03.4	69·4 70·2	67.5 71.3		74.2	75.Q 77.7	75.9 78.6	76.1 76.9	75.3 79.1	76.0 79.4	77.0	77.1 20.4	77.7
≥ 300 ≥ 200		56.9 56.9	50.1 60.2	65.1	72.1	72.7	77.5	79.5	80.6 82.7	82.1	82.5	82.7	2.i.2 °€.6	87.8	83.9	54.5
≥ 100 ≥ 0		56.9 55.9	50.3 60.3	65.3	72.7	73.3 73.3	7â.9	81.5	83.3 83.3	86.1		87.7 87.3	26.9	91.9	92.5	

TOTAL NUMBER OF OBSERVATIONS____

71ê4

USAF ETAC FORM 0-14-5 (OL A) MEVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PRECESSING RANGE PSAF ELEC AIR REALDER SERVICE/MAC

CEILING VERSUS VISIBILITY

34373 HALL ANTHE SPUTE DEFMA Y

PERCENTAGE FREQUENCY OF OCCURRENCE

(FROM HOURLY OBSERVATIONS)

SELNG (v:SI	BILITY STA	JUTE MILE	5						
FEE' ;	≥10	≥0	≥ 5	≥4	≥3 :	≥?.	≥ 2	≥1	≥1.	≥ ·	≥ - 4	≥ '•	≥ : ,	25 %	٤٠;	20
NO CEUNG ≥ 20060		11.7	11.7	13.7	15.4	15.7	1 . L	12.5	19.1 17.8	20.0 20.6	20.J	20.1	21.2	21.3	21.2	21.4
≥ '8000 ≥ '8000		11.7	12.4	14.1	12.3	14.8	16	19.6	20.0	21,8 21,9	20.3	21.1	71.3	21.7	22.3	22.1
≥ 14000 ≥ 2000		11.8	12.3	14.4	12.7	10.3	1 .7	19.7	20.0		20.4 20.4	21.7	2	21.7	22.4	2.7
≥ 9000 ≥ 9000		12.7	13.1	15.1 15.5	17.8	17.2 17.6	1 .5	29.5		21.7	- 1	22.7	22.4 26	22.7	23.3 23.4	13.1
≥ 6000 ≥ 7000		13.7	13.7	15.0	17.4	12.3	2 . 4	?1.? .1.6		22.4 22.8		22.7	25.0	23.3	24.0	.40.
≥ 6000 ≥ 5000		12.4	14.4	16.5	10.4	19.6 19.8	1	21.9 22.2			23.1	23.6	73.5		24.7 25.2	2) • 3
≥ 4500 ≥ 4000		14.7	14.ট 16.ল	17.0	20.7	19.2	2 · . 8	22.6	22.9	23.5		24.1	34.4	24.Fl 27.2		2 . 3
≥ 3500 ≥ 3000		17.3	10.1	20.4	22.5	22.9 25.9	2 - 4	20.5 29.7	80.0 30.0	27.6 30.9	1	25.7 31.2	20.4. 31.0	2°.8 32.0	29.5 32.5	29.5 1.5c
≥ 2500 ≥ 2000		21.8 23.9	22.7	24.4	27.¢	23.5 31.1	3:.7	3.0 د <u>35.3 د</u>	33.3 36.7	34.2	34.4 38.3	34.5	34.9 35.7	35.4 36.1	39.7	36 4
≥ 1800 ≥ 1500		24.4	25.4	28.0 31.8		31.7	3:.3	57.0 41.2	37.3 41.5	38.6 42.8	38.6	38.9 43.1	39.4 43.5	39.2	40.5	47.5
≥ '200 . ≥ 1000		31.3	30.2 32.4	33.5	37.0	37.6 39.9	45 43.8	43.2	45.8	44.8	44.0	47.4	45.6 47.6	45.0	45.6	47.1
, ≥ 900		32.5 37.8	33.9 35.7	37.3 39.8	41.3	41.9	45.8	47.6 50.4	48.0 50.9	49.2 52.2	49.2 52.2	49.4	50.U 52.5	55.4 53.3	51.2 54.1	>1.9 >4.4
≥ 700 ≥ 600		34.4	36.7 35.0	41.0	45.4	46.0 43.3	47.9	51.8 54.8	52.4 55.4	53.7 56.7	53.7 56.6	54.7	54.4 57.5	۹۰۹ر ۲۰ ^۱ ۲	55.0 58.7	25.9
≥ 500 ≥ 400		37.1 37.2	39.4	45.1	51 · 1 52 · 7	51.8 53.4	57.0 59.0	:9.5	63.3	64.7	64.8	63.3	62.3 55.6	54.7	1,7	٦٠٦٠ <u>7٠</u> 4
≥ 300 ≥ 200		37.4	39.9 40.0	46.8	53.4 54.1	54.8	5, 4	65.3 57.5	66.1	69.0 71.7	68.2 72.3	63.7	49.5	76.7	78.5	71.1
≥ 100 ≥ 0		37.5	40.0 40.0	47.1	54.3 54.3	55.1 55.1	52.9	68.5 08.5	70.6 70.6	74.6	75.0 75.0	77.7	75.8 7).1	82.7 83.5	85.4 35.7	72.4 1.0.9

TOTAL NUMBER OF OBSERVATIONS

03

USAF ETAC 101 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE DESOLETE

LATA PROCESSING THAT IN JOAF ETAC AIR EATHER SERVICE/ NO

CEILING VERSUS VISIBILITY

5405 bull, 47/27 STUCK of Kt 1

2-7:

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

227 - 50th

CENING L							V(\$)	Bitity STA	"UTE MILE	\$			_			
, tEE, ,	≥10	≥3 ;	≥5	≥ 1	≥3 .	≥2 ;	≥2 ,	≥) -	≥1.	≥1 1	≥ ′4	≥`,	≥ .	25 10	≥ .	≥0
NO CEILING ≥ 20000		11.4	12.3	13.4	15.4	1 .d	1 · . d	. 7.5	10.9	17.6	17.4	10.1	و . ن، ا ا	1 7	16.2	- ,
≥ .8000 ≥ '6000		11.5 11.4	12.3	13.1	15.4	1: • 5	17	.7.7 .7.8	17.8 10.0	17.6	15.7	19.7	17.2		19.0	10.4
≥ 14000 ≥ 12000		11.4	12.4	13.4	16.0	14.4	1 . 8	.7.a i∂.1	15.0	1:.7	18.0	19.4	19.4		19.0	20.0
≥ '0000 . ≥ 9000		12.4	13.4	14.4	15.0	17.3	1 .0	18.6	10.7	19.5		40.1	? l.	27.3	20.2 20.2	200
≥ 800C ≥ 7000		12.5 12.9	13.4	14.9 15.2	17.2	17.7	1,.0	19.0 .^.0	19.1 20.1	19.9		20.5 21.5	20.5 21.5	20.8	26.7	22.
≥ 6000 ≥ 5000		13.7	13.5 13.4	15.7	10.0	17.3	2 .ú 2 .2	0.1ء 0.5ء	20.2	21.0	21.1 21.2	21.4	21.0 22.0	21.9	21.3	22.7
≥ 4500 ≥ 4000		12.7 14.6	14.4	16.0	15.5 26.4	19.4	2.6	21.2 22.9	21.3	22.2	22.3	24.5	22.d		23.J	13.4
≥ 3500 ≥ 3000		15.4	16.7 18.U	18.4	21.7	22.3 23.9	29	24.2 25.8	24.4	25.3	25.4	25.7 27.4	75.7 27.5	20.1	25.1 27.1	26.4
≥ 2500 ≥ 2000		19.4	20.0	23.0	20.5	27.0 30.1	? C	رې . 4 رې . 3	29.6 33.3	30.5	30 · q	31.7	31.3 35.4	31.5 35.6	31.3 35.9	31.9
≥ 1800 ≥ 1500		22.7 25.6	24.2 28.3	26.8 31.1	36.4	31.1 35.5	33.9 35	34.2 35.8	34.4	35.6 40.2	36.0 40.0	36.5	³ 6.0	36.9 41.4	36.0 41.4	57.7 41
≥ 1200 ≥ 1000		30.7 31.7	32.7	35.8 38.1	39.7	47.4	42.3	45.7	44.0	45.2	48.4	46.1	40.1 47.1	45.3	40.3 49.4	46.5
≥ 900 ≥ 800		33.2 35.7	36.5 39.1	39.5 42.8	43.9	44.6 48.1	47.8	48.4 52.0	46.6 52.3	49.9 53.5	50+3 54+	50.9 54.5	56.5 54.5	51.1 54.7	51.1 54.7	51•2 <u>20•2</u>
≥ 700 ≥ 600		36.7 38.3	40.1	44.1	40.c	49.5 52.2	52.0 55.6	56.6 56.6	54.1 56.9	55.4 5°.2	55.a	56.7	50.3 54.1	56.6 59.4	56.4	7•0 رو نوور
≥ 500 ≥ 400		30.1	42.5 42.6	48.1 48.5	53.5	54.3 55.3	5 9	59.5	59.8 62.4	63.7	61.7 54.3	64.	52.4 64.7	65.2	62.0 65.4	3504
≥ 300 ≥ 200		39.2	42.9	46.5	55.4 55.6	56.2 56.7	68	64.3	65.1	65.8 70.5	67.5 71.5	68.7 72.5	16.4 73.7	75.3	68.0 76.4	77.0
≥ 100 ≥ 0		39.2	42.9	48.9	55.9 55.4	54.8 54.8	ا در 5 4 مر 1	56.9 56.9	69.1	72.6 72.6	74.0	75.3	77.U 77.3		85.1 90.2	1,0.0

TOTAL NUMBER OF OBSERVATIONS___

<u>9:0</u>

USAF ETAC FORM 0+14+5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLET

LATE PRECESTING TRANSPORTED AIR RESTRICT SERVICE/MAC

CEILING VERSUS VISIBILITY

34922 HAM . AF/HO ISFUCK UERHALY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

- 3 / J = , U

CEILING							VISI	BILITY STA	TUTE MILE	\$						j
FEE.	≥ ;c	≥6	≥ 5	≥4 ,	≥3	≥2 ;	≥2	≥1:	≥1.	≥1	≥ ¼	≥'₊	≥ .	≥ 5 16	≥	≥0
NO CEIL'N ≥ 20660	5	۶. ۸ ۶. ۶	ن. ب د ۱۷۰			12.6	ا الأورا	15.9	14.5	15.1 10.5	15.2	15.7	15.4 16.5	17.5	13.2 17.5	16.4
5 .900¢ ∓ 800¢		1^.7			14.1	14.1	15	10.1	10.1	16.6	16.0	16.0	15.5	17.7	13 15. i	1 ~ • 5
≥ :4000 ≥ 12000		10.7 10.1	10.5 10.5	12.4	14-1	14.7	1.0	16.1 16.2	10.3	1/.8	17.1	17.1	17.1	1°•6	10.2 16.3	1 • 7 1 • •
≥ 10000 ≥ 9000		17.4	11.3		17.4	14.9	15	15.9	17.0 17.5	17.6	17.	17.4	13.0 16.5	13.8	17.5	14.4
≥ 80°C ≥ 700°C		11.2		14.9		10.1	1 . 6	18.1	13.2	17.7	19.1	19.1	19,2	21.0	2 J . J 2 L . Z	25.6
≥ 6000 ≥ 5000		11.5			3	17.4	1 .0	- 1		20.3		20.1	21.1	21.8	22.4	
≥ 4500 ≥ 4000		12.4 13.1	i i	- 7 - 3	- 1	13.1	1 .0	22.0	20.6 22.2		21.0	21.4	71.0	27.5	1	63.6
≥ 3500 ≥ 3000		12.9	- 1		19.4	17.9	27.2	23.0 ,5.2	23.2	24.0 25.1	24.2 20.3	24.7	24.4	25.5	25.7	64.0 7
≥ 250C ≥ 2000	-	i 9.3	19.4		,	24.6 22.0	2 ° 0	28.1 32.0	25.4	29.1 33.3	29.4	29.4	79.0	30.6 34.9	30.7 35.2	31.4 35.5
≥ '800 ≥ '500		22.7 26.0	23•2 27•3			28.9	3: 8 3: 8	33.1 38.2	33.5 38.6	34.5 39.6	34.7	34.7	34.5	36.1	30.3	36 + 7 41 • 3
≥ 1200 ≥ 1000	,	29.7	30.2 32.3		36.7 39.5	36.8 39.6	4 . 5	41.6	42.0	43.0 46.6	43.3 46.₹	43.4	43.7	44.R 4".4	45.1 43.3	45.4
≥ 900 ; ≥ 800	+ 15tan 15tan	31.0 32.7	34•2 35•2	37.7 39.5	41.4	41.5	4: .5	47.1 50.4	47.5 51.0	45.6	49. J	49.1	49.4	50.5 34.1	50.0 54.3	51 • 1 5 • • 9
≥ 700 ≥ 600		34.2 35.4	37.7 39.4	41.4 43.8	46.3 49.4	47.0 49.6	51.5 54.7	56.8	53.9 57.5		55.5 59.4	55.4	55.0	7•76 9•10	57.2 61.0	57.5 61.4
≥ 500 ≥ 400		34.9 5 7. 3	41.4	45.6	51.8 52.9	52.3 53.3	50.1 51.4	03.0	61.3 54.0	62.7 65.5	63.1	63.2 66.1	63.4	07.5	64.0	ა5•4 ი.•4
≥ 300		37.4	41.5	1	53.4	53.8 53.9	6,.4	05.3	66.2 66.6	71.6	73.1	69.2 73.7	45.5 74.4	7°.5 77.4	79.1	71.4
≥ 100 ≥ 0	- patricular	37.4			53.4 53.5	53.9 54.0	61.4 61.5		69.0 69.1		74.2	74.7	70.1 70.1	81.4	35.y 35.3	93.4 130.0

TOTAL NUMBER OF OBSERVATIONS.

03

USAF ETAC 104 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS;

<u>ل د د - د ۲ د ۲</u>

TEL NG							- S i	31, "Y 5"A	TUTE VALE	5		<u>-</u>				
PEE*	≥.0	≥6	≥ 5	<u></u> ₹1	≥3	≥::	≥:	≥ .	≥ .	2	≥ .	≥ .	≥ .	25 '6	≥ .	≥ડ
NO DELING ≥ 20000		7,5 ;,4	9.3 11.3	16.4		12.7	14			17.4	14.3	17.		16.7		1
≥ 18000 ≥ 5000		7.4 7.9	k.11 2.11	12.7	14.4	1 7	1 .4	.5.0 .5.1;	10.3 	17.4	17.÷	17.4			15.3	1 3
≥ 4600 ≥ 12000		^,5 ;^.7	11.a 12.4	12,7 13.4	14.5 15.4	10.3 13.7	12	.5.₽ .5.₽	15.5	17.5 15.3	17.5	17.4	17.5	1 . 7	10.7 19.3	4
2000 ≤	·	[].] [].]	13.4 13.4	14.3 14.9	10.4 10.4	14.5	• L	7.9	10.2	1°.2 1°.6	19.4	19.4	19.3	17.3 27.1	الاروب 2 المرود 2	ج و زن انفند
≥ 9000 7000	4	11.3	14.4	15.4 15.5	17.3 17.3	17.5	E. ;	19.1 .9.7	13.5	21.8	20.4 71.3	20.5 21.3	^ .	21.2 21.7	21.4	12.1
≥ 5000 ≥ 5000		13.3	14.7 12.3	15.4	19.4	17.3	1.5	2).4 1.7	26.8	21.9	22. j 23. j	22. i	72.4 74.7	27.9	24.7	7202
≥ 4500 ≥ 4000		14.7	15.0 [7.3	17.1 19.9	19.3 21.4	17.7	2 . u	4.4	24.7	23.4	23.3 20.J	23.4 25.1	7 2 . 7.	25.5	27.	
≥ 3500 ≥ 3600	; : +	15.4 17.5	10.1	19.7 22.5	22.3	27.5	22	.5.Z .8.d	20.5	29.6	20.4	26.7	76.4 29.4	27.5 4-`ف	28.4 31.4	: ۱،۰۶۶ <u>(۱،۰۶۲</u>
≥ 250° ≥ 2000	:	19•7 22•5	25.q	24.Z 28.Z		27.2 31.4	3,.4	٠٥٠٦ ٢٠٠ <u>٦</u>	30.3		37.∂	37.7	32.3		33.4 35.6	36.7
≥ 180C ≥ 180C	· 	23.1	29.4		31.9	32.3	38	35.1 40.4	30.6	37.8 42.2	38.4 42.4	32.1 42.1	35,4 42.4		39.7	K + C+
≥ 200 ≥ :000		27.1	30.4 32.4	33,4 36,8	40.8	37.7	44		42.9 47.0			44.4	44.0	45.5	46.1 50.3	47.7 21.7
≥ 90C ≥ 80G	<u>.</u>	29.9	33.2 35.3	37.2 39.7	41.4	44.6	43.3 4.1	47.4 50.5	47.8 51.0			49.5 52.3	44.7 53.2	57.7	54.2	52.4 25.4
≥ 700 ≥ 600	: 	32.0	35.5	42.4	48.7	46.7	5 . 2	52.9 55.9		5,4		59.4	55.4 54.4		57.3 60.5	55•7 51•9
≥ 500 ≥ 400		34.4	38.7	44.5	50.4 51.5	50.9 52.0	5>.6 37.7	53.9	59.5		62.5 65.0	62.7	63.0		54.3 58.4	65.4
≥ 300 ≥ 200		35.7 35.7	39.4	45.Z	52•5 52•6	53.0 53.3	5,.d	53.9	55.5 67.3		76.i 74.2	70.7	71.4	77.7		73.7
≥ '0¢ ! ≥ °	HHOMA IV	35.3	39.7 39.7	45.4	52.5 52.5	53.5	ό∟•4 6.•4	65.5 55.5	67.7 67.7	74.2	75.a	77.3	73.9 73.9	83.1 83.3	87.2 37.4	₩•2€ D•3∪1

TOTAL NUMBER OF OBSERVATIONS.....

930

3

ATA PRIOSES TO ONA CHI SAR ETHO ATRICEATEUR SERVICEMIAC

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

IE . NO					_		v S i	ē₁, "r Š"∆	","E * .E	á						
iëë, ,	≥ :	≥\$	25	≥ 4	≥0	≥ 2 :	≥:	≥ -	3, •	2	≥ 4	≥ ,	≥ .	≥5 \$	≥ .	≥:
NO DEVINO ≥ 20000		12.4		13.7			5	.5.9	15.1	14.5	14.7	15.7	1 2 . 7	10.5	17.0	
> 5000 ≥ 5000		,2,4	14.1	15.3 15.3	10 10		1 • 1	. ° • ≎•			: 7.7 : 3.7	19.7	7 - 1	12.5	25.	21.
≥ 4000 ≥ 2000		12.1	-		17.4	17.4		_ 5 • ^{CR}	19.5		2		70	-	20.0 21.5	2 . 5
≥ ,0000 ≥ ,0000		13.7		16.5 17.3	-					21.4				21.7	22.2	23.2
≥ \$000 ≥ *000		14.1		17.3	-	-			_	27.7 22.0	_				22.4 23.3	्रेस , के
2 5000 2002 ≤				16.2 19.0											24.4 25.4	23+ ²
≥ 4500 ≥ 4000		15.7	13.1	19.5 20.3	21.>	21.5	2.3	£ 4 • Z	24.9	25.3	75.5	25.5	25.5	25.5	25.	
≥ 3500 ≥ 3000				21.4											25.5 31.4	37.5
≥ 7500 ≥ 2000				25.1 29.4						33.0 37.3					33.7 36.2	ا مهر
≥ 90C ≥ 50C		-	28.7 32.4	31.1 35.1				41.7	42.5		43.3	43.4	43.69		44.4	44.
5 ,000 5 500				39.9 43.3				47.2 51.5	48.0 52.3	48.8 53.3	49.3 53.3	49.1 53.7	49.4	47.5 5-1	56.J	2€•₹ 25•₩
≥ 900 ≥ 900				44.4						54,9 5≈.9						37.5 61.7
≥ 700 ≥ 500				45.4	52.5		5: . 8 5/. 1	58.4 61.2		63.8			44.4		52.3 55.4	ا • دَن آ • ځر
≥ 500 ≥ 400		۹۰5 ۶۹۰۶		50.4	50.5	55.0	51.4	:3.a							58.0 71.0	
≥ 300 ≥ 200		40.9 40.9	46.1 46.1	51.1 51.1	58.2 58.4	59.0 59.2	64.7	69.5	69.7 71.0	74.0 76.9	74.9 78.5	75.7 80.1	70.1	76.5 82.5	77.4 94.1	78•5 35•4
≥ '00 ≥ c		40.1 40.1	46.4	51.3	58.7	59.6	62.3	58.9	71.3	77.4	79.9	81.4	43.1	94.0	39.2 99.4	94.9

TOTAL NUMBER OF OBSERVATIONS ____

923

USAF ETAC TO 0414-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE DISOLETE

CATH PRICESSING RANCH SAR LIME TIME CATHER SERVICES OF

THAT SENCE DEFEND A

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

. 5 8 . ** S*A* *E M .ES 7.9 11.0 11.4 12.7 12.3 1..5 4.1 14.7 15.1 15.1 15.1 15.1 15.7 2.1 15.1 15.7 2.3 13.2 14.7 15.1 15.2 23.4 NO CELNO 1 1.4 .8.3 15.9 19.4 19.2 19. 1 1.7 13.5 19.2 19.7 19.4 10. 7.5 1 .5 20.2 (1.2 ≥ 8000 ,2.3 13.2 14.4 10.6 14.3 ≥ 5000 2.5 12.4 15.2 15.4 15.7 ≥ 14000 ≥ 2000 13.4 15.2 10.4 15.7 18.4 19.2 19.7 19.5 19.5 : 1.7 .9 14.4 15,0 17.7 17.1 .4 9.0 19.7 2 .1 26.4 2 .- · · 13.5 14.d 15.5 10.1 17.2 1 .5 14.7 15.3 17.3 18.8 14.7 7 .1 27.3 21.0 21.4 21.2 21.1 21.6 21.5 22.0 20000 ≥ 9000 -.7 15.3 17.3 1E.a 1.7 21.0 27.4 22 G ≥ 9000 ≥ 7000 7 15.3 17.2 10.4 17.9 2 .3 21.5 22.2 22.6 22.1 22. 22.4 22.3 23.3 12.4 23.3 23.4 17.3 19.3 13.5 ≥ 6000 ≥ 5000 7,7 23.7 1 - . 7 15. d 17. x 19. d 19. d 2. 4 22. 4 23. d 23. 4 23. 3 23. 5 22.7 23.3 23.8 23.7 23.7 2 14.7 10.4 17.7 19.4 19.9 > 14.9 16.2 18.0 20.3 27.4 72.3 23.2 24.2 24.6 04.7 24.7 15.9 16.2 16.4 26.7 25.7 25.7 25.7 25.7 25.7 25.7 ≥ 4500 15.4 10.4 10.4 21.4 21.2 2.3 24.1 25.1 25.6 25.7 25.7 14.4 17.7 19.4 22.4 22.6 2.4 5.7 26.7 27.2 27.3 27.3 25.0 26.3 ≥ 35GC ≥ 3000 <u>. 3 19. a 21. 7 24. 4 24. 4</u> ..7 23.1; 29.0 29.0 29.7 29.7 ≥ 2500 1.4 22.4 24.5 27.3 27.5 2.6 31.3 32.3 32.6 32.7 32.7 33.d 33.d 34.4 27.3 ≥ 2000 34.5 35.6 35.2 36.3 35.3 27.7 30.4 24.2 ≥ 80C ≥ '50C °0,5 38.9 35.9 24.1 25.5 28.4 31.0 31.9 3-.4 35.9 37.0 37.6 37.7 37. 32.4 35.4 36.6 3..0 40.8 41.7 42.4 42.3 42.4 42.7 42.7 43.7 37.8 42.7 42.9 42.1 47.7 48.8 49.8 49.4 49.4 49.2 49.8 50.2 27.4 29.2 49.5 47.8 50.7 51.4 ≥ '20¢ 31.7 34.4 =1.4 52.5 33.7 36.9 40. 4 46. 53.1 53.4 53.7 \$5.5 55.5 55.5 \$4.6 50.2 50.2 38.4 42.1 47.d 47.8 5..7 53.3 54.5 55.2 55.3 55. ≥ 900 ≥ 800 52.9 59.3 50.5 36.7 50.2 36.7 39.0 44.4 51.1 51.3 59.7 07.4 60.3 60. "L.d 5".9 61.7 730 50.4 58.2 ≥ o00 52.6 5_.0 ec.3 61.8 02.9 53.4 63.1 43.2 03.2 64.2 45.1 52.3 36.7 40.2 54.7 5.3 53.4 64.9 65.1 60.4 66.3 ^0.6 66.6 67.2 56.3 6.2 66.8 68.5 7^.3 7c.d 73.3 71.1 71.1 72.0 57.6 64.9 69.0 71.3 73.7 74.3 74.3 75.2 75.3 76.0 500 46.5 54.4 41.4 47. 3 50. <u>42.0</u> 300 42.4 47.4 57.1 200 75.4 77.4 79.4 \$1 47.4 55.6 69.9 72.6 77. 47.4 57.1 57.7 63.6 70.4 73.3 76.9 78.9 79.3 81.4 83.1 86.1 93.1 47.4 57.1 57.7 63.6 70.4 73.3 76.9 78.9 79.9 81.5 83.3 86.4 100. 42.4 ≥ 100

TOTAL NUMBER OF OBSERVATIONS

<u>930</u>

USAF ETAC R. OF 0-14-5 (OL A) MEMOUS EDITIONS OF THIS FORM ARE OBSCILETE

LATA PRIMESSING TRAIGH USAF ETHC NIR ENTERN SERVICE/MAG

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

IEL NG							- 5 !	B-, T - 5"A	"J"E + .E	5						
· £ £ * •	≥ ˆ	≥÷	≥ 5	≥ 4	2 0	≥2:	2:	≥ -	≥ .	≥	≥ 4	≥ ,	≥ -	25 5	÷.	≥:
NO 08 L NO 2 70000				15.5												
≥ \$000 ≥ \$000		: →. Դ	14.>	10.7	13.0	12	: .2		21.0	21.5	71 .	21.7	4 •	22.2 22.3	22.5	22.
≥ 40X ≥ 137		. 4 . 4	15.4	10.7	10.7	i".≎	5 	1.2	21.2	2:.7	71	21.5	72.7	22.4 22.9	23.5	33.7
2 1000 2 1000		. 4 . 4	io.L	17.5	20.1	4.3	2 ,4	2.6	2:01	23.7	23.2	43.	3-1.1	24.3	24.	
≥ \$000 ≥ *000		14.2	:7.5	19.5	21.4	2,00	2.3	-4. ĉ.	24.7	24.3	₹5.4	35.5	->.7	25.9	20.5	
≥ 5000 ≥ 5000		17.3	_17.q	19.4	21.7	22.2	<u>خ. :</u>	4.7	25.6	2c.3	20.2	₹6.1	<u>``∵.`č</u>	27.3	27.	27.T
≥ .500 ≥ 4500		1 3 6	15.₹	20.1	23.6	24.1	2.4	, 5.3	27.4	22.4	38.5	20 • ≒	2 3 <u>.</u> €	_29.3	29,3	. ž • -
≥ 3500 ≥ 3000		61.7	22.4	24.9	21.3	27.1	25	JQ.9	3;.ã	32.7	52.0	32.3	33.1	3? . 3	33. 5	26.
≥ 2500 ≥ 2000		44.3	27.2	27.4 30.4	33.3	37.4	3 .5	.7.3ز	38.3	39.2	39.4	57.5	~ y . o	47.0	40.4	47.3
≥ 8X ≥ 500		27.7	33.3	31.5	40.1	41.3	4, 9	44.7	45.7	45.7	4ć.5	45.7	47.4	47.4	<u> 47,</u>	48.2
≥ 20C ≥ XX		24.5	38.4	40.4	46.0	46.8	5 .0	52.0	50.1	54.2	54.0	54.4	54.7	54.9	55.4	55.T
≥ 90° ≥ 50° ≥ 70°		5º,7	40.b	43.9 45.2 45.9	50.2	5 . 4	50	56.1	57.2	58.3	58.4	52.5	50.0	50.3	59,5	۳•≎ر
≥ 790 ≥ 600 ≥ 500		7.0ۇ	41.0	46.5	53.1	53.3	57.4	50.1	61.4	52.7	62.3	62.3	50.2		43.9	3006
2 40C 2 30C		4 ^ C	43.1	48.3 4ĉ.7	50.0	<u>57.3</u>	67.0	50.7	66.0	69.9	<u> 7:</u> •네	70.1	70.4	77.5	71.i	71.4
≥ '0C ≥ '0C		41.2	43.5	48.9	58.2	59.d	65.2	79.1	72.9	76.6	76.9	77.2	77.7	7=.7	79.7	. 4
- \(\frac{1}{2} \)		41.2	43.5	48.9	58.4	59.2	53.0	71.0	74.2	79.9	79.4	80. ¥	21.3	53.3	27.3	آ•ين.ا

TOTAL NUMBER OF OBSERVATIONS

73.

USAF ETAC \$100 O-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLE

LATA PRICESSI FITANISH CLAP PIUC LIR EATHER SERVICEVIAC

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS.

=€ , NG							~15i	81. " S"A	~* v.E	5						
ŧĘĘ. ,	≥ 0	23	≥ 5	≥ 1	≥3	≥2	≥:	≥ -	≥ .	2	2 4	≥ .	2	25 c	≥.	≩ 5
NO CENING ≥ 20000		:2.9	.3.d 14.h	14.3	- ,	1.4.4	ق		10.7 25		:5., :1.,	21.5		21.5 22.1	21.1 24.7	2 i • ···
≥ 8000 ≥ 5000		, ⁷ . 9	14. =	15.4	17.4	1 . 3	i .a	,).5	20.9	21.3	21.4	2:•7	?2.⊍ ?∠.₫		73.0 73.0	, 1. w
≥ 4000 ≥ 1000		14.1	14. A	15.1	10.4	1.0	; .¥ 7 .3	9 3	21.5	21.0	71. ř 22. á	22.5 22.5	ر د خ	22.7	23.4 23.5	-
5 5000 5 ,0000		14.7 14.4	15.4	17.3	19.1	19.4	7 .7 2 .d	1.5	22.1;	22.5	<.55 E.55	22.3	ئى.را <u>ئ</u> ىدارا	27.5	ेन.स <u>२५.द</u>	- به شرح خوره ک
≥ 8000 ≥ 7000		14.7	10.4	17.3 18.3	19.4	27.1	2: •4 22 • 4	22.4	22.7 23.3	23.1	23.3	23.4 4	'	24.2	27 . s 22 . s	2 · 4
≥ 500C ≥ 500C		1 - 1	17.1	18.4	25.	21.3	2,.0	: 3.7 : 4.1	2i. 24.3	24.5	74.7	25.5 25.5	75.2 75.7	2 . 2	?5.≯ ?6.≯	26.3
≥ 4500 ≥ 4000		14.9 17.9	17.9	19.4	21.1	27.2 43.4	79	24.5	25.0 25.0	25.4 27.1	25.2 27.2	27.7	25.2 20.0	20.0	27.2	्रेन्स्य ू^+
≥ 3500 ≥ 3000		: 17.7 : 21.7		21.4	24.7	25.4	25	29.3 -1.1	25.7 31.8	29.3 32.4	29.4 32.3	29. T	30.1 30.2	31.5 33.7	31.4	۱۰۶ ۲۰۰۲:
≥ 2500 ≥ 2000		27.7	24.7	20.d	30 · o	21.1 33.6	3.9	4.54 4.7.4	35.Z	35.8 38.8	35,7	36.5 39.5	35.5°		37. X	3~•?
≥ 900 i ≥ 1500 .		24.4	27.3 30.d	29.4 34.4	33.3 38.0	35.5	7a	38.3	39.0 43.4	39.7 44.1	39.4 44.2	40.0	40.0	41.2 45.5	41.9	+2•2 ≠6•3
≥ 1200 ≥ 1000		31.9	33.4	36.5 35.6	40.7	41.2	43.7	45.5 48.0	46.2	46.9	47.1	47.7 50.7	40.V	48.4 51.3	49.1 51.7	40.4
≥ 900 ≥ 900		34.! 56.9	36.0	39.7	44.3	45.7	47.9	49.7	50.5 52.3		53.3	52.7 53.9	52.3 54.3		53.4 55.3	23 · 4
≥ 700 . ≥ 600		35.1	38.2	42.4	47.0	4º .4 50 .5	5:.6	53.6	54.5	55.3 5≗.1	55.4 56.1	56.1	56.4 59.2		- 1	27.4 06.9
≥ 500 ≥ 400		38.9 37.5	41.4	46.6	54.0 55.1	54.7 55.3	52	01.5 63.8	52.8 63.4	€1.6 50.4	53.7 56.3	64.4 57.3	17.0	65.1 65.3	65.4 65.4	05 + I
≥ 300 ≥ 200		39.4	42.4	47.7	56.4 56.5	56.8 57.3	62.9		68.6 76.8	70.4 73.8	70. X	71.3	71.6 76.7		72.7	- :
≥ :00 ≥ c		39.7 39.7	42.5	48.0	56.7	57.4 57.4		67.9 57.9				77.5	79.5 79.5	D.E8		:

TOTAL NUMBER OF OBSERVATIONS______

<u>__929</u>

USAF ETAC 120 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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UATA FRICASLING TREE C VLAF ETAC AIR LATHER TIRVILE/PAC

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

er (💊							- 5 5	34. TV - STA	"U"E M LE	5						
iëi	2.0	≥:	25	≥ 4	2 7	22 -	≥:	2	≥ .	2	ž -	٤,	2	25 0	≥.	20
NO 08 (NO ≥ 20000				12.7						11				_	K.of	
2 30%				14.5						1 .4			15.	21		•••
≥ 5000		12.7		14.4	-	<u>le.5</u>					19.0	10.			20.5	21.4
2 4000 ≥ 20%		17.7	13.4	• -	-	17.0				19.6	19.7	19.7		27.8	2	7
2 XXx		.2,3	14.3	15.7						21.3					72.7	27.3
≥ 9990		13.2	4.3	15. 4	17.4	1° • 1		-		21.2.				21.9	24	22.4
≥ 300C		1 1 6	.4.7	10.3	10.4	15.7	2 . l.	317 8	21.2	21.0	22.3	22.	او.5°	22.5	73.1	, 1 . "N
7 ,000				15.7						22.5						
≥ 5000 ≥ 5000			15.4			19.5				23.						
				17.4						23.0						***
2 4550 2 4000			16.L	17.5		2^.~				24.2						- 4
2 350C				19.3		<u> </u>				25.8					27,2	
2 3000 2 3000				20.1			₹=•₹	1		27.2	_	21.7	•			_
≥ 250C				24.9		2*.5				20.8		2 2 2				3:07
2 2000				27.5						37.⊈ 34.8i					34.+	-
≥ 900				28.4												
≥ 500				32.9												44.7
≥ 200				36.4												
≥ 300			-	39.3				:	- 1		-				51.7	- 1
3 900				40.4												
≥ 900				42.4												
≥ 700				43.5						57.CI						
≥ 500		37,7	40.3	45.0	50.0	51.3	55.6	57.7	58.6	60. C	60.1	50	=7	01.1	61.7	52.6
≥ 500				46.7						63.9						
≥ 400		3 € €	42.0	47.4	54.5	55.1	6.0	03.9	65.d	66.9	:7.d	67.0	<u> 47.7</u>	67.3	65.4	υ 9 •2
≥ 300				47.8												
≥ 200		35.5	42.3	47.9												
≥ 100				47.9						75.3						
_ ≥ ¢ j		35.5	42.3	48.g	55.4	56.7	é₃•á	58.Z	70.9	75.3	76.7	79.4	79.0	83.3	27.4	1.6.1

TOTAL NUMBER OF OBSERVATIONS

743

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

£ %							- 5 5	, * 5 [*]	TUTE MIKÉS	>						
·Ē·, '	≥ ≎	≥ ≎	≥ 5	24	20	≥.	≥:	2	2 .	2	<u> </u>	٤٠	<u> </u>	25 5	2.	÷ -
NO 15 NO 2 2700				∠°.! 35.4						37.3						
2 8000 2 6000		21.1		33.4	32.3	25.7	3.0	7.2	37.5	€.₹ۇ		٠٠٠ د	3	J . ₹	3.5.4	·
2 400€ 2 200€		37.7	33.2	34.5	30. i 37. a	30.5 27.6	, .>		36.3	3 .7	40.0	3 1		37.1 4.3	5 ₹.	, 4, 3
≥ 3000 ≥ 9000				37.5						41.8 41.7					* k.'.	4. • 7
2 3000 2 7000			34.7	46.2	42.3	42,4	٠, ۵	42	44.5	45.3	45.4	4	٠٥.٤	\$ 4		
≥ 5000 ≥ 5000		٦٠.٦	~ U•4	42.ì	44.3	44.3	5,.7	-5-4	45.7	47.1. 42.1.	47.4	a7. 7	- 7 . +	47.6	47	~ · i.
≥ 4500 ≥ 4000		4 4	43.0	44.1	47.2	47.3	7	49.4	77.7	20°.2 53.3	30.4	21.4	Š., ž	5 . 🕏	5.7.1	J. 1 - 4
≥ 3500 3000										55.0 53.7						
≥ 2500 ≥ 2000		>7.9 >2.9	· - · ·	54.9 57.3			7	63.7	64.1	01.q 54.7	أتوود	<u>84.9</u>	يفعين أ	5°.4	55.3	<u>. 5 . 3</u>
≥ 500 ≥ '500		51.7 55.1	55.8 58.3	58.4	51.7 64.7	51.9				55.5 67.0					50.d 59.d	
≥ (200 ≥ 1000				63.9 65.7						72.4 74.6				73.d 75.5	73.4	73.3
≥ 900 ≥ 800	,	01.7		E.06						75.7						
≥ 700 ≥ 600			5	59.4					78.3 80.1	61.C				77.역 3:.위		ē2•₹ <u>-2•</u>
≥ 500 ≥ 400		52.7						3.2		85.3		55.9	30.4	00.3	P6.3	
≥ 300 ≥ 200			66.3	71.1	77.7		â. d	65.4	80.9	87.5	39.7	90.E	9:.7	91.4	97.1	
≥ 100 ≥ 0										89.9						

OTAL NUMBER OF ORSERVATIONS 30 3

USAF ETAC NI 64 0-14-5 (OL A) REVIOUS EDITIONS OF THIS FORM ARE DISIDLE

U S AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CRITER

PART E

PSYCHROMETRIC SUMMARIES

In this section are presented various summaries of dry- and wet-bulb temperatures, dev points, and relative humidity. The order and manner of presentations follows:

- 1. Cumulative percentage frequency of occurrence derived from daily observations and presented by month and annual for all years combined. These tabulations provide the cumulative percentage frequency to tenths of temperature by 5-degree Fahrenheit increments, plus mean temperature, standard deviations, and total number of observations in three separate tables as follows:
 - a. Daily maximum temperatures
 - b. Daily minimum temperatures
 - c. Daily mean temperatures

MOTE: Beginning in January 1964, daily maximum and minimum temperatures are routinely selected from hourly observations recorded on surface observing forms or from automated data collections for all Air Force operated stations. For those stations observing less than 24 hours per day, and where maximum and minimum temperatures are required but not recorded, these are also selected from hourly data from as early as January 1949 and later. Please refer to notations on summary pages and Station History for further information on reporting practices of individual stations.

- 2. Extreme values derived from daily observations with the extreme value selected for each year and month of record available. An annual (ALL MONTHS) value is selected when all months for a year have valid extremes. Means and standard deviations are computed for months and annual when four or more values are present for any column. Two tables of daily extremes are prepared:
 - a. Extreme maximum temperature
 - b. Extreme minimum temperature

NOTE: The following symbols are used in the extreme data blocks:

- (1) * indicates the extreme was selected from a month with one or more days missing.
- (2) # indicates the extreme was selected from a month in which hourly temperatures were available for less than 24 hours for at least one day in the month.

 Values for means and standard deviations do not include measurements for incomplete months.

Continued on Reverse

- 3. Bivariate percentage frequency distribution and computations of dry-bulb versus vet-bulb temperature.

 This tabulation is derived from hourly observations and is presented by month and annual, all hours and years combined. The following information is provided:
 - a. The main body of the summary consists of a bivariate percentage frequency distribution of wet-bulb depression in 17 classes spread horizontally; by 2-degree intervals of dry-bulb temperature spread vertically. Also provided for each of the dry-bulb intervals is the percentage of observations with dry-bulb and wet-bulb temperature combined; and again for dry-bulb, wet-bulb, and dew-point temperatures separately. Total observations for these four items is also provided in two lines at end of each tabulation table, which may be continued on several pages.

NOTE: A percentage frequency in this table of ".0" represents one or more occurrences amounting to less than .05 percent.

- b. Statistical data for the individual elements of relative humidity, dry-bulb, wet-bulb, and dew-point temperatures are shown in the section at the bottom left of the forms. These consist of the sum of squares (ΣX^2) , sums of values (ΣX) , means (X), and standard deviations (σX) . The number of observations used in the computation for each element is also shown.
- c. At the lower right of the form are given the mean number of hours of occurrence for six ranges of dry-bulb, wet-bulb, and dew-point temperatures, and total number of hours possible in the period represented. Mean number of hours is shown to tenths and indicates mean number of hours per year in the annual summary, or mean number of hours per month in the tabulation by month.
 - NOTE: Wet-bulb temperature usually was not reported prior to 1946. Relative humidity usually was not reported prior to 1949, nor subsequent to June 1958; and was computed by machine methods for observations recorded during these periods. All values of dew-point temperature and relative humidity are with respect to water, unless otherwise indicated.
- 4. Means and standard deviations These tabulations are derived from hourly observations and present the mean, standard deviation, and total number of observations for the eight standard 3-hour groups, by month and annual and again at the bottom for all hours combined. Records for all years combined are presented in the following three tables; DRY-BULB TEMPERATURE, WET-BULB TEMPERATURE and DEW-POINT TEMPERATURE.
- 5. Cumulative in its requency of occurrence of relative humidity Informative humidity by increments of log classes, plus the mean relative humidity and total number of observations in two tables.
 - a. Table 1 is prepared by month and annual, all years combined, with month being the vertical argument.
 - b. Table 2 is prepared by month by standard 3-hour groups, with the hour groups being the vertical argument and a separate page for each month. All years are also combined for this summary.

DAILY TEMPERATURES

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CUMULATIVE PER AGE FREQUENCY OF OCCURRENCE FRO, PAILY OBSERVATIONS

YEARS

TEMP .ºF NOV AUG ≥ × 0 ≥ 23 5,<u>3</u> ;7.7. *E*5 11,1 27,0 97,0 70,0 ! ≥ <u>22.5</u> <u>. 7</u> 25.5 49.0 73.2 90.6 99.0 35.6 37.7 35.6 98.3 17.9 11.3 |≥ 10 |≥ 20.5 92.1. $\frac{37.1}{9..5}$ $\frac{35.6}{98.3}$ $\frac{3}{100.0}$ 10.5 4.5 5.7 7.7 5.2 12.5 45.1 07.7 33.0 34.5 84.8 97.5 ≥ 44.5 55 97,9 2.6 10.0 27.2 55.Ú 20.1 37.5 45.0 74.9 190.0 65.0 <u>ر ب</u> 12.5 57.5 79.2 90.7 76.1 93.1 ≥ **4**0 <u>a</u> 21.0 77.3 3.1 <u>خۇ</u> 0ي 62,4 61.5 84.3 99.9 105.5 100.1 85.5 100.0 94.0 94.6 $\frac{\frac{1}{92}}{\frac{3}{2}}$ 97.0 92.7 ر د ک 99.2 95,6 98,4 97.2 99.1 5.00 99.6 98.G ≥ 99.7 100,0 15 10 100.0 99.7 106.0 99. ≥ 5 ≥ ۱_≥ 34.6 37.0 43.7 51.2 59.3 65.0 68.2 67.3 62.2 52.9 41.7 7.899 8.708 8.943 8.536 8.075 8.090 8.390 7.259 7.378 7.398 7.178 743 678 744 723 715 690 713 744 706 744 720 35.7 7.821 5 2 678 TOTAL OBS

USAF ETAC FORM 0-21-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSION ON THE SAME EAST OF SERVICES

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ER SERVICE/ TO CHAIN APPLICATION NAME OF THE STATION NAME OF THE S

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DAILY TEMPERATURES

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CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE 'FROM DAILY OBSERVATIONS;

JAN MAR MAY AUG ANNUAL ≥ ≥ ÷ 5 . 3 10.9 29.1 75.7 ≥ 1.0 2.4 41.2 29.1 75.3 76.7 99.2 77.6 100.0 100.0 |≥ 10.4 54.1 32.0 97.4 ≥ 44.Ž 14.4 47. 38.3 79. 67.6 95. 77.5 98. 91.4 99. 99.3 100. 12.1 03. 37.7 52.1 95.8 Ì≥ 40 29.1 29.1 95.7 100.7 99.0 99.9 ≥ 45,9463 56.9 100. 100.0 33 72.7 ≥ 82.0 ĴŌ ≥ 71.4 90:4 25.3 54.2 98.5 10 10 5 13.4 95.4 100.0 | ≥ 9ā.ī [≥ 43.5 16.5 29.2 99.6 99.2 l≥ 99.8 100.0 700.5 ≥ 99,9 ≥ ō 97.9 ≥ 100.0 100.0 99.0 107.0 -10° ≥ 100.0 28.9 32.1 37.7 44.4 50.1 53.4 53.1 48.5 41.9 34.1 2.931 7.623 5.325 5.896 5.540 5.369 4.775 5.427 5.116 6.316 6.316 7.3 7.4 7.20 715 6.90 713 764 706 744 720 40.0 7,901 715 690

USAF ETAC FORM 0-21-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM APE OBSOLETE

3

DATE PROCESSING THATE JOHR EINT ATR EATHER SEPTICE/"AT JAJOS HATTE AT / " STATION NAME TATION STATION S

DAILY TEMPERATURES

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE FROM DAILY OBSERVATIONS,

YEARS

TEMP OF JAN FEB APR JUN AUG SEP ANNUAL [≥ . 4 3.6 36.6 36.6 06.6 93.4 00.1 7.0 24.2 32.2 34.4 59.5 . 2.6 13.4 27.8 25.0 35.3 35.3 1.6 25.6 25.1 35.0 93.0 5 • 0 į≥ 14.4 34.4 57.7 99.7 1.7 8.5 25.0 73.3 794.7 799.7 Ì≥ ÷ 5 5.0 .1 .9 .7.5 .2.3 .45.8 15.0 10 Ì≥ 69.0 ر ر [≥ 1.2 7.1 20.1 44.7 69.4 93.F 99.1 42.7 3.2 13.6 7.0 12.4 21.5 76.9 79.3 93. 54.2 ≥ 100.0 70 25 25 25 100.0 66.5 100. 79.5 25.8 ≥ 65.3 75.2 59.5 100.1 95.4 98.2 ĺ≥ 20 15 10 99.5 99.6 loř 99.3 ≥ 90.9 100.0 99.5 5 100.0 100.0 100.0 100. 100.0 ≥ا ≥ 44.7 7.011 720 47.7 5.311 31.3 32.8 7.829 2.536 52.1 6.585 57.9 6.415 61.1 6.433 713 60.4 5.047 MEAN TOTAL OBS. 743 715 744 678

USAF ETAC FORM 0-21-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

1 A 1

DATA PRUCESSING PRANCH USAF/ETAC/OL A AIR WEATHER SERVICE/MAC

EXTREME VALUES

"ANIMUM TEMPERATURE

FROM DAILY OBSERVATIONS

34055 HAHN AT/HUNSRUCK GERMANY 54-78

WHOLE DEGREES LAHRONHEIT

MONTH YEAR	JAN	FEB	MAP	APR	MAY	JUN	JUL	AUG	SEP	ОСТ	NOV	DEC	ALL MONTHS
54			60	62	80	90	75	84	77	69	56	50	
55	≖ 48	48	64	7 ⁸	75	79	64	79	73	63	58	5C	34
26	50	38	63	63	79	70	82	75	72	72	49	52	82
57	50	58	60	68	70	89	93	7₽	75	ρA	55	49	93
58	49	58	59	62	77	79	79	82	80	03	48	48	82
9ر	51	58	62	71	75	89	91	85	81	6º	51	47	91
60	50	59	58	68	75	32	73	75	70	62	54	48	82
61	48	59	68	71_	_70.	81	65	80	80	66	50	53	⇒ 5
02	50	47	51	71	72	77	80	7 9	83	71	58	47	83
63	37	37	56	63	74	73	79	82	74	63	59	44	52
64	40	50	51	67	77	83	à9	86	79	63	53	47	39
65	47	36	60	61	74	79	78	76	72	62	55	50	79
ა6	48	55	54	64	75	81	77	87	2 66	73	56	47	87
67	53	53	57	65₩	75	81	82	78	74	70	51	51	62
68	47	45	72	80	70	79	63	74	70	67	63		٤3
69	48	45	52	59	81	74	85	83	74.	67	56	36	ر8
70	43	49	49	68≄	53			81	72	70	55	49	
71	44	42;	50,	71.	<u>75:</u>	73'	64:	84	73.	68	57		84
72	41	50	64	66	68	7a,	84	78	69	62	59		84
73	39:	39	60	62	71	821		86	87.	71	55	46 :	57
74	51	57	64	66	71	75	78		78	51.			89
_ 75	53	50	53	69.	69:	75	84:	84	77:	50			54
76	48	51	62	98,	73	87	89	80.	71	69			89
77	50;	50	60	62,	69	82	78	7 5	69	66	59	53 🖠	82
78 -	42	53										: :- :-	
) i	i				1				:			10,000	
MEAN	46.9	49.5	58.7	67.3	73.9	79.5	82,4	80.8	75.2	66.0	54.8	48.1	35.0
S. D. #	4.552	7.217				4.999			4.776	4,943			3.682
TOTAL OSS.	743	678	744	720	715	690	713	744	706	744	720	744	8661

NOTES * (LASED UN LESS THAN FULL MONTHS)

A) # (AT LEAST ONE DAY LESS THAN 24 OBS) USAF ETAC AN M 0-86-5 (OLA)

DATA PROCESSING RRANCH USAF/ETAC/OL A AIR «EATHER SEPVICE/MAC

EXTREME VALUES

"I -IMUM TEMPERATURE

CACHAVESSED VEND MORE

34055 STATION

HAH: 45/HUNSPUCK GERMANY

<u>54-78</u>

YEARS

WHOLL DEGPLES FAHRENHEIT

MONTH (EAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	oct	NOV	DEC	ALL MONTHS
54			23	29	34	43	43	45	35	36	23	24	
55	¥ 18	7	12	27	33	38	46	45.	41	20		19	
56	-3	-11	20	21	33	39	48	43	43	<u>2°</u> _	<u>22</u>	19 16	-1
57	$-\frac{11}{16}$	25 Î Î	25	<u>25</u>	$-\frac{25}{33}$	42	47	43	34	34	23	19 17	1
56	16	ĺĺ	14	23	33	41	47	46	45	32	28	17	l
59	18	21	28	29	34	42	50	43	42	31	<u>25</u> .	$\frac{23}{17}$	<u>j</u>
6G	3	14	24	30	32	43	41	47	36	33	25		
61	15	28	24	38	33	43	41	45	45	34	23	7	
52	11	18	17	29	30	34	40	45	40	31	21	5	
63	4_		14	30	36	45	45	43	39	31	$-\frac{31}{27}$	9	
64	10	15	15	28	38	39	42	43	38	3 າ	27	9	
65	22	16	12 25	30	34	43	43	44	40	29	15	23	1
66	3	25		28	38	43	45	41×	40	27	20	20	
67	9	20	30	286		41	49	46	40	32	18	12.	
68	. 3	17	24	25	35	42	45	44	43	35	23	12	
<u> </u>	21	8	21	25	35	37	44	44:	37	35	21	10	
70	12	8	16	235				46	40	33	26	11	
71	6	14	6,	30	35	42	42	46	35	26	17	23	
72	6	6	17	23	33	39	46	44	35	28	24	19	
73	19	23	24	28	37:	441	46,	46	41	32	23.	10	1
74	26	26:	24	3 Z:	33	42	44	48	39	30	26	28	2
75	26	23	24	23:	35	37	44.	<u>50:</u>	46	2 p	19	18.	
76		17	15	26	35	39	48	46;	42	32	26.	6	
77	21	Z1;	21	26	39	391	44	48:	35	35,	19	19	1
78	21	1 2		1				; {	\$ \$		1		
MEAN	12.5	15.5	19.8	27.7	34.2	40.7	44.8	45.1	39.6	31.2	22.6	15.7	5.
S. D	8.185	8.693		3.407	2.544	2.754	2.662	2.092	3.551	2.919		6.391	7.63
TOTAL OBS	743	678	744	720	715	690	713	744	706	744		744	866

(AT LEAST ONE DAY LESS THAN 24 OBS) USAF ETAC AT M 0-88-5 (OLA)

DATA PROCESSING PRANCH USAF LIAC AIR *EATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

\$4055	HAPN AR/H		GERM	<u> </u>			73		ve	ARS				۱ <u>۵</u>	
· ••		· ·							•	-		PAGÉ	1	3000-	0.0
Temp						URE DEPRI						TOTAL		TOTAL	
(F)	0 1-2 2-4	5 - 6 7 -	8 9 - 10	11 - 12	13 - 14 15	- 16 17 - 18	19 - 20	21 - 22 23	- 24 25 - 26	27 - 28 29	- 3C - 31	D.B. W B.)·, Buib	Wer Buib D	e- Po
50/ 49	. 2.						.,					5	0		
48/ 47	.i .2 .	}										<u> </u>	6	<u> </u>	
46/ 45	.1 1.3											15	15.	5	
44/ 43	. <u>2 3.2</u>	* .2										37	27	21	
42/ 41	.5 4.0 ·	3 . i.					4					35	50	40	- 2
	1.1 3.4 2.	<i></i>					<u>:</u>					67	6.	<u> </u>	4
38/ 37	.3 7.0 1.							i				77	77	73	4
36/ 35:	.2 8.4 1.4						<u> </u>					90	29	35.	 9
34/ 33	1.210.3 1.						i					132K	125	117	
32/ 31	2.511.2 1					—	 					95	95	149	10
30/ 29	3.3 5.7			,			!					7) 71	71.	147 33	11
28/ 27 25/ 25	4.4 2.8 2.2 1.8	<u> </u>					-					- <u>3</u> e;	39	44	
24/ 23												. 35.	35;	35	
$\frac{247}{227}$	1,1 2.4							:				172	12	29	
20/ 19	1.1 1.0	,	•		-			1				j ĝ	19	17	ž
$\frac{20}{18}$ / 17	•d •4							·				11	11	14:	
16/ 15	.0 .4					ŧ		Ì		'		10	10	12	Ž
14/ 13	4 9		 -			~	:			- -		12	12	10:	
12/ 11	ŝ		1	•			1		7	, '	-	, <u> </u>	5	5	1
10/ 9	11 .2		 -				:					31	3	5,	
8/ 7.		,		ì			!	1	;		=	<u>'</u> 1	1	2.	
6/ 5				: -		 -	i	' i -		1				<u></u> i	
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TOTAL .	21.606.510.	8 1.2	i			1.	i	:	:		:	:	930	-	ý.
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Element (X)	Σχ2	ZX		- I		No. O	bs.			Mego No.	of Hours wit	h Temperatu			
Rel. Hum.	699299		0276	86.3			330	±0 F	± 32 F	≥ 67 F	≥ 73 F	→ 80 F	4 93 F	τ.	ctal
Dry Bulb	103182		0264		7.111		730		45.2		 	1	1	 -	-
Wet Bulb	94944		9041		6.77		730		52.0		1	\vdash	†	\dashv	
Dew Point	82362		6804		7.416		230		64.8			 	+		- 5

PSYCHROMETRIC SUMMARY

HAHN AT HUS SPUCK GERMANY J300-0500 PASE 1

Temp					DEPRESSION (TOTAL		TOTAL	
	0 1-2 3-4		0 11 - 12 13	3 - 14 15 - 16	17 - 18 19 - 20	21 22 23 -	24 25 - 26	27 - 28 29	. 30 + 31			le. Brip :	Dew Po
48/ 47	• 1 • 1	.3 .L								5	6	2	
45/ 45	•i •9	- <u></u>								10	10	1	
44/ 43	.2 2.0 .5	• L								28	28	13	
42/ 41	.a 5.2 1.3	<u>.l</u>								67	57	47	2
40/ 39	.9 3.7 1.4	• <u>L</u>				1				60	60	47	3
38/ 37	1.0 6.0 .5									70	70:	56	5
36/ 35	.510.0 1.Z				ř.	,				109	138	76	Ó
34/ 33	2.0 8.9 1.1				<u> </u>					117	117	141	đ
32/ 31	1.710.0 .3				•	1				112	112;	115	12
30/ 29	1.00.00 .1	<u>•1</u>								82	* 5 ·	122	11
28/ 27	5.3 3.2 .4					5				85	33	94	10
26/ 25	3.3 2.5 .3				·					53	58,	60	<u> </u>
24/ 23	1.1 3.8 .2						- •		_	47	47.	47	9
22/ 21	.9 .9	. <u></u>					·			16	10:	341	
20/ 19	.d 1.2 .L		,	î				,		. [9	19	17	3
18/ 17	.9 .2									10	10	19	2
16/ 15	0. t.							1		11	11	7	
14/ 13	.3 .6									<u>9</u>	9	11,	
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10/ 9	•4		<u>'</u>		<u> </u>					4.	4	7	
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OTAL	23.067.6 3.1	.9 .2	į '	:		9		i	1		930		93
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Element (). :	7089573	2 x 80849	86.9	8.104	No. 9bs.					h Temperatu			Tatal
	997662	29736		7.104	930	± 0 F	132 F 46.3	≥ 67 F	≥ 73 F	→ 80 F	≥ 93 F		Q Q
							63 9		 	<u> </u>	 	+	9
	021533	26527											
Dry Bulb Wet Bulb Dew Point	921533 804312	28587 26458	28.4	7.452	930 930		53.7			 	 -		− -ý

(O), A) REVISED PREVIOUS ELABORES OF THIS KIND ARE CONCRETE

USAFETAC OF COLD A) HUITE BRIVOUS

PSYCHROMETRIC SUMMARY

WENTH

PAGE 1 J600-0807 -0.45 L 5 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 7 - 8 9 - 10 11 - 12 13 - 14 15 - 15 17 - 18 19 - 20 21 - 27 23 - 24 25 - 26 27 - 28 29 - 30 - 31 D.B. W B. Dry Builb Wet Builb Dew Port 50/ 49 48/ 47 • 1 45/ 45 14 33 44/ 43 38 12 29 į, 42/ 41 2.0 • 5 20 40/ 39 76 70 25 .0 3.6 39 33/ 37 .. 8.1 1.9 59 35 .3 9.7 97 **97** 36/ 35 53 1.6 8.3 1.5 100 109 34/ 33 128 110 32/ 31 3.4 9.4 1.0 113 15. 4.3 3.9 102 30/ 29 123 28/ 27 69 96 2.7 3.2 26/ 25 60 50 . 5 20 24/ 23 39 39 54 1.1 2.9 22/ 21 .5 i.8 24 25 20/ 19 41 19 19 0 1.4 24 18/ 17 . 9 14. 10. 23 24 15/ .1 1.1 TI 14/ 11 13 12/ 11 • 6 10 • 3 10/ • 1 4 4 8/ 5/ 4/ 24.163.311.3 .4 TOTAL +4 +1 929 929 No. Obs. Element (X) Z X 2 Ŧ Mean No. of Hours with Temperature 6986397 1007861 80201 86.3 8.214 929 : 32 F Total 29797 32.1 7.496 929 46.3 93 Dry Bulb 93 927628 28608 30.8 7.091 929 52.3 wet Buib **प**उ 802758 26350 929

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DATA PROCESSING PRANCH

AIR -EATHER SERVICE/MAC

HAHM AR/HUMSPUCK GERMANY

USAF ETAC

JATA PRICESSING FRA. TH
USAF ETAC
AIR LEATHER SERVICE/MAC

34055 HAHN AP/HL SPUCK GERMANY
5747-05 YAVE

USAFETAC 1004 0.26-5 (OLA) strutto mirrors terrors of this softs are obsorted

PSYCHROMETRIC SUMMARY

										PAGE	ì	3900-	1100
			7 201 0 7	Eugen Yun	. 0.50.5661011	· 5 \							
Temo F	G 1 · 2 3 · 4				E DEPRESSION - 5 17 - 18 19 - 20		24 25 26	77 78 79	20 . 31	TOTAL	Dev B . '5	TOTAL	Dan Pau
52/ 51			1	13 - 14 13 - 16	3 17 - 10 19 + 20	21 - 22 23	- 24 23 - 20	27 - 25;27	- 30 - 3	1	1, 0, 1	WE 5018 1	74.01
50/ 49	.2 .1		•				•			4	4	:	
48/ 47	. i . d d									12	12	3	
46/ 45	11.0 .2									l a	ìá	11	<u>۔</u> اد
44/ 43	4 1.4 .4							· · · · · · · · · · · · · · · · · · ·		23	23	15	13
42/ 41	.5 4.4 1.5	1				!				6 î	51	43	23
40/ 39	.3 4.9 3.7	3			-					90	90	45	.4]
38/ 37	.0 6.0 l.c				. i	•				77	77	? 7	39
36/ 35	1.3 9.0 1.3	3								103	178	102	5
34/ 33		<u> </u>	_		l	;				157	197	131	9
32/ 31	1.3 7.7 1.3	s • L • L			i					97	97	99	10,
30/ 29	2.3 5.8 .8	i		_	I					32	32,	117	126
28/ 27	4.0 3.5 .5	• l.				1				ø2.	32		100
26/ 25	2.7 3.1 .2					·				56	_50:	•	7,
24/ 23	1.3 2.9 .1	4				ļ ,				37	37		8(
22/ 21	1.2 1.0									20	20		3;
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lement (X)	Zx2	Σχ	· X	-, -	No. Obz.			Mean No.	of Hours wil	h Temperatu			
Rel. Hum.	6875106			5.822	930	± 0 F	= 32 F	≥ 67 F	≥ 73 F		* 93 F	T	otal
Dry Buio	1039968			7.291	930		42.9		† 	 	1		92
Wet Bulb	949858			5.887	930		50.2		 	1	 	+-	9
Dew Point	817509			7.575	930		63.8				 	 -	93

DATA PROCESSING REAGER JATE TAC PSYCHROMETRIC SUMMARY ALR REATHER SERVICE/MAC HAHN AR/HUMSFUCK GERHAMY PAGE 1 1200-1-00 WET BULB TEMPERATURE DEPRESSION (F) TOTAL

7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 - 43 D.B. W.B. Drv. Bulb TOTAL Wer Buib Dew Poin 52/ 51 Z 48/ 47 .1 .4 ō 46/ 45 ď .4 3.7 1.+ 44/ 43 53 27 75 .3 4.0 2.2 42/ 4I 60 50 .3 5.7 3.4 91 40/ 39 38/ 37 109 109 .9 7.7 2.9 65 .9 6.5 2.4 36/ 35 92 92 113 113 85 1.3 8.0 2.3 34/ 33 32/ 31 1.0 9.5 2.3 125 120 :27 100 60 80 3.2 5.1 135 28/ 27 2.d 2.5 <u> 53</u> 53 103 76 21 21 26/ 25 1.0 1.3 24/ 23 22/ 21 .3 2.0 25 26 57 11 11 32 <u>. á</u> • 6 20/ 19 • 2 15 12 21 9. 12 12 21 18/ 17 . 4 16/ 15 10 TO TT 14/ 13 •9 õ 12 12/ 11 16/ 14 8/ 8 930 930 10.361.419.3 1.5 1.3 930 930 3 õ 0.26.5 No. Obs. 933 77775 83.6 9,929 Rel. Hym. 6595833 ± 32 F 930 34.3 7.120 93 31884 36.1 Dry Bulb 1140204 930 30278 32.6 6.671 93 Wet Bulb 1027104 44.3 870036

DATA PRUCESSING PRANCH USAF EIAC AIR EATHER SERVICE/MAC

HAHN AP/HE'SP JCK VERHAMY

PSYCHROMETRIC SUMMARY

PLGE 1

1500-1700

Te-p							E DEPRESSION					TOTAL		TOTAL	_
Ł.	Ç 1.	3 - 4	5 - 6 7	-8 9-10	11 - 12	12 - 14 15 - 1	6 17 - 13 19 - 20	21 22 23	3 - 24 25 - 26	27 28 29	30 + 3.	`D B. ₩ B. (Dry Bu > "	Te Buib	5
52/ 51		1 .2										3	٠		_
50/ 49	. a .	.1 .1	.2	. ž								10	10	5	
45/ 47	<u>E.</u>	2 .4	·Z	• 4			-					10	10	7	-
46/ 45	.2.1											22	22	q	
44/ 43	2	9 .1	+2									37	32	23	•
42/ 41	4.	4 2.2	٠Ž									0.3	43	55	
40/ 39	. £ 5	2 3.9	- <u>.z</u>									78	98	37	•
38/ 37	.a 7	.3 2.0										94	94	94	
36/ 35	.0 0	B 1.3					:					35	36	107	•
34/ 33	i. 1 6	4 2.2		.2			2	•				113	118	113	
32/ 31	.9 7	4 1.7	• <u>1</u>									94	94	162	•
30/ 29	2.9 7	3 1.0	. 2	.1			•					107	107	123	
28/ 27	4.5 3	.4 .2										76	76	120	•
25/ 25	1.4 1	.d .2										32	32	39	•
24/ 23	•a i	.0 .1								_		22	22	30,	
22/ 21	.41	.0				<u> </u>						13	13	12	
20/ 19		9 1										13	! 3	16,	,
18/ 17	• â	9 . 2										17_	17	14	
15/ 15	•	. 4						•			1	- 5	٥.	10	•
14/ 13	<u>• i. </u>		:					<u> </u>			1	51	6	7	
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Element (X)	2 x2		Σ	x :	Ī	· A	No. Obs.	<u> </u>		Mean No.	of Hours wit	h Temperati	ure		1
Rei- Hum.		523255		77931	83.9	9.619	929	20F	± 32 F	= 67 F	≥ 73 F	≥ 80 F	≥ 93 F		1
Dry Bulb		2862		31178	33.6	7.079	929		39.3						•
Wet Buth		987412		29640	31.9	6.707	929		48.5						
Dew Point		837091		27005	29.1	7.492	929		62.9		1	1	1	1	•

DATA PROCESSING BRANCH USAF ETAC AIP - CATHER SERVICE/M. C HAHN AR / HUNSPUCK GERMANY

PSYCHROMETRIC SUMMARY

		₩E	T BULB TE	#FERATUR	E DEPRESSION	£				TOTAL		TOTAL	_
F	0 1 2 3 4 5	.6 7-3 9.1	2 1 - 12 1	1 - 14 '5 1	5 17 18 19 20	2, 22 23	74 25 36	27 28 29	- 30 - 21	ີວ.8. ¥.9.	5 8- 5	Wer Bu b	24
54/ 53		•	i							1	ī		_
52/ 51	<u>•1</u>	•1								?_	2	i	
50/ 49	.2 .1 .3	-1 -1								Ę	6	7	-
48/ 47	د. د. ک.	•1								11_	11	3	
46/ 45	.1 i.4 .5	.2								22	25.	10	
44/ 43		<u>, 2</u>								+2	42	21	
42/41	3.2 1.0									30	39	> 1	
40/ 39	.5 4.9 3.0									79	79	+7	
38/ 37	.3 3.0 1.2									35	92	ē 9	
36/ 35	.0 3.1 1.2									95	96	09	
34/ 33	4 7.0 1.8	_			-					103	103	714	
32/ 31	2.510.3 1.9	.2								130	139	155	
30/ 29	2.7 7.0 .9	• 5								100	100	131	
28/ 27	3.9 3.1 .5									70	70	1)9	_
26/ 25	1.9 1.7 .2									36	30	4.0	
24/ 23	.9 2.2									28	2ô 6	<u></u>	
22/ 21											_	16	
20/ 19	1.3									17	12	<u> 10</u>	
15/ 15										7	7	23	
14/ 13	. <u>5</u> .5											- 3 S	-
12/ 11										5	5	5	
10/ 9	.2 .3						- 					- 5	_
8/ 7	.1									ī	ĩ	2	
6/ 5				 -	· ·						`		
2/ 1										:			
TOTAL	18.366.513.9	. 1: .Z: ·	1			: 			<u> </u>	† 	930		<u>-</u>
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Element (Y)	Σχ'	Σχ	X	₹	No. Obs.		-	Mean No.	of Hours wil	h Temperat	ure		_
Rel. Hom.	6776219	78955	34.9		930	± 0 F	: 32 F		€ 73 F	- 80 F	+ 93 F		To
Dry Bulb	1068927	30805	33.1		930		43.5		1	1			_
Wet Bulb	974785 835817	29419	31.6	7.696	930 930		50.4		1	ŧ.	1	Ì	

THE SEPTICES TABLE TALES OF THE SEPTICES OF TH

PSYCHROMETRIC SUMMARY

34-55 HAHA APTHUS SPUCK GERMANY 21jn-2j00 -23:.3 WET BULS TEMPERATURE DEPRESSION F

Temp					E DEPRESSION					FOTAL		TOTAL	
	3 2 3 4 5 6	3 9	<u>''' ''</u>	13 14 15 19		27 22 22	24 25 76	7 25 79	y . 2:	08.48	o⊷ 3. s	Fer Bu S	D
52/ 51		• 1						-		1	1		
50/ 49		• 6										3	
48/ 47											3	3	
46/ 45	· c 1.1 · · ·									15	18	7	
44/ 43		ı .i								24	Z÷	41	
42/ 41	.2 S.1 1.4									07	52	35	
40/ 39	.4 4.4 3.Z									75	79	53	
38/ 37	8.1 .9			-						54	34	71	
35/ 35	.5 8.2 .5	. 1								32	29	133	
34/ 33	.9 7.7 2.5									. : 13	153	>3	
32/ 31	1.5 8.0 2.2									114	114	113	
30/ 29		· 1	·							105	175	157	
28/ 27		. 2								87 47	50 47	58	9
25/ 25	2.7 1.9 .9										- - 3 / -	<u> </u>	
24/ 23	.> 4.1 .1									35 18	37 18		
22/ 21	-9 1.1					·				21	21	<u>23</u>	
20/ 19	•å 1•>										< 1 ⇒	_	
$\frac{18}{16} / \frac{.7}{15}$.3 .5					 						15	
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14, 13	.2 .3 .3 .4									- 7	 7	11	
12/ 11										,	ź	1	
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					<u> </u>	<u> </u>	!!			<u> </u>	ئـــــــــــــــــــــــــــــــــــــ		
Element (X)	70.000 T	2x	X X	*z	Ne. Chs.					th Temperor			
Rei. Hum. : Dry Bulb	6785982: 1037733i	79032 30331		7.227	930 930	: 0 F	# 32 F		• 73 F	. 30 F	• 93 F		978
Wet Buib	946009	28971		6.891	930		54.1			:	┿	- 	
De- Point	810506	26510		7.682	930		64.6			†	+	·	
244 10101	01/13/40	5021A	C0.7		, JU		. 07.0.		L	<u>i — </u>	ــــــــــــــــــــــــــــــــــــــ	·	

DATA PROCESSING ARANCH USAF ETAC AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY:

JA" HAHN AP / HU'ISPUCK GERMANY ALL HOURS (L S. T.) PAGE 1

	Temp.						BULB T											TOTAL		TOTAL	
ř.	(F) i	9 1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 . 27	73 . 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
	54/ 53	i	'	i	-1	•0		-			-	- 1					<u>_</u>	1	1		
	52/ 51	_ ` •0	.0	:	.1	•0	·	1			L	<u> </u>		.l				11	11	1	
	50/ 49	, l . 3			.2	•0				i								05	. 1	17	
	48/ 47	.1 .3			-1	!	·:			<u> </u>				1		! !		66	66	2.4	17
	46/ 45	•1 1•1	5		• 9													138	138	59	
Š	44,1 43	2 2,7			41		·									Ĺ		277	277	158	7υ
	1.4/ 41	.3 4.1			i T	j	1	į	-	1	_			į	1			437	1	372	
	40/ 39	.7 4.6								L				<u>.</u>				540	640	303	
	38/ 37	.6 7.3			!		;	1						;	•			692	592	647	411
	36/ 35	<u>.6 8.3</u>			 +		<u> </u>			<u></u>	<u></u> _			i —			L	766	760	760	634
	34/ 33	1.5 0.5			- 1		!	1		1				1	i	į		895	095	958	
	32/ 31						<u> </u>			<u></u>				<u></u>		i	<u> </u>	949		862	364
	30/ 29		,	1	•0		! i	!		-								728			A(1)
5	38/ 27				L		L			 	ļ					!	<u> </u>	58c	586	760	330
\$	26/ 25			1	İ			ļ		1				i	ļ			349	349	359	578
Ö	24/ 23			, -	!		 								ļ	 	 	269	269	274	582
¥ 2	22/ 21	7, 5		3	1		\ i	!				1	i	1		1	i	122	122	217	204
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ž <u>o</u>	6/ 5	· a		 	-		1	$-\dashv$		†	$\overline{}$			1	 	 	 	1	Ī	ĭ	60
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ৰ	TOTAL	19.665.4	13.4	1.1	. 5	•0		1	١	1	i		1	1	1	1]	7438		7436
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_ 0	<u> </u>		<u> </u>	i	<u></u> _				L		<u> </u>	<u></u>	<u> </u>		<u> </u>				<u> </u>		
(, ,		i	T							!									1		
. #3CT #3 151			<u></u>												<u>L</u>		<u> </u>		<u></u>		
	Element (X)	Σχ²			Z _X		X	U.		No. O					Mean	No. of H	ours wit	h Tempera	ture		
FETAC	Rel. Hum.		25375		6345	59	85,3	8.9	00	74	38	± 0		≤ 32 F	≥ 67	F .	73 F	≥ 80 F	* 93	F _	Total
Ē	Dry Bolb		1705		2043		32.9				38			345.1							744
	Wet Bulb		5437		273.		31.4				30			106.0							744
E s	Dew Point	660	01651		2. +3	51	38.8	7.5	541	74	38		:	510.9							744

DATA PROCESSING PRANCH USAF ETAC AIR SERVICE/MAC

PSYCHROMETRIC SUMMARY

3405 HAHN AP/HUNSRUCK GERMANY 19-73 FLB
STATION STATIO I NAME

PAGE 1 0000-0200
HOURS (L. S. T.)

Temp. WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL

Temp.						WET	BULB	TEMPER	ATURE	DEPRE	SSION (F)						TOTAL		TOTAL	
(F) ~	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	2 31	D.8. W.B.	Dry Bulb	Wet Bulb	Dew Point
5C/ 49		.1		.5														5	5		
48/ 47		. 2	3 -				1]	İ]]]				7	7	1	
46/ 45		1.1	• 4							1							<u> </u>	13	13		1
44/ 43.		1.3	1.7				İ] [25	25	19	4
42/ 41		2.5	1.7				i											35	35	19	
40/ 39		3.5	2.0	. 2	.1		İ	l										52	52	43	
38 37	• 4	4.5	1.7	. 4				Ī	i				•					58	5 o	52	
35/ 35	1.2	9.7	2.1	.1	_													111	111	58	/1
34/ 33	1.8	9.6	2.5			i	1	Ī										118		141	71
32/ 31	2.5	v.7	3.8	i		<u> </u>		<u> </u>									<u></u>	127		104	179
30/ 29:	2.5	5.2	1.3														i	76		120	102
28/ 27	1.4	3,4	<u> </u>	-1					<u></u>			1.					ļ	47		65	80
26/ 25	1.1	4.4	- 1															48	48	5ó	54
24/ 23	1	5.4			<u> </u>	· 		L	<u> </u>	<u> </u>				i				48		38	48
2?/ 21	• 4	1.7	6.5	i									-					21	21	4;	53
20/ 19	2	2.1	<u> </u>	<u>L</u>	<u> </u>		<u> </u>	L		<u> </u>							<u>L</u>	20		26	54
18/ 17	• 2	1.2	24	į			1			1				<u> </u>			į	12	12	17	
16/ 15		5	5	<u> </u>			<u> </u>	<u> </u>	L	ļ							<u> </u>	8	ô	10	27
14/ 13	• 4				į		1	ĺ	l	į į		!						4	4	6	1 0
12/ 11		-		<u> </u>			<u> </u>	<u> </u>	<u> </u>								<u> </u>	4	*		14
10/ 9		• 2	2	-			1	l	1	[1	4	4	5	11
<u>'/ 7</u>			<u> </u>	<u> </u>		<u> </u>	 .	! 	<u> </u>	<u> </u>		 					<u> </u>	2	2	3	7
5/ 5		1				i I											İ	1	1	1	3
4/ 3				 	! ,	 -	 -	ļ	 	<u> </u>		<u> </u>		<u> </u>			 	 _	846		46
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Element (X)		Σχ'		1	Σχ		X	٠,	,	No. Ob	s.	·		·	Mean I	to. of H	ours wit	h Tempera	ture		
Rel Hum.			33872		700	92		9.5		8	46	± 0 F		≤ 32 F	≥ 67	~	2 73 F	≥ 80 F	2 93	F	Total
Dry Bi 1b			9510		270			7.0		8	45		<u> </u>	41.9		\neg		1	1		84
Wet Bulb		8]	16530	1	256		30.3	6.7	06	8	46			49.7							84
Dew Point		67	75682	2	230	52	27.2	7,5	02		46			63.8				Τ	Ţ-		84

USAF ETAC ATR REATHER SERVICE/MAC

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DATA PROCESSING PRANCH

PSYCHROMETRIC SUMMARY

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34055 HAHN AR/HUMSPUCK GERMA-IY Fin MONTH J303-0500 PACE 1

WET BULB TEMPERATURE DEPRESSION (F) TOTAL 0 1 - 2 3 - 4 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 - 31 D B. W.B. Dry Bulb Wer Bulb Dew Point 48/ 47 • 1; • Z: . 1 1 1 46/ 45 . 7 . 7 1.2 44/ 43 Ió: 16 3.9 40 42/ 41 47 • 5, 32, 37 40/ 39 3.1.1.3 37 13 38/ 37 0 0.0 1.3 72: 47 72 42 . 6 36/ 35: 1.5 8.4 1.4 101 101; 53: 22 34/ 33 1.310.0 109 109 110 Фb 93 32/ 31 1.0 7.8 2.0 • l: 154 1.7 7.3 1.3 47 į 02 30/ 29 2.8 3.3 1.1 102 28/ 27 o l 61 77 54 26/ 25 2.4 4.0 54 50 64 24/ 23 .6, 6,1 61 51 43 55 29 47 22/ 21 29 25 1.3 2.1 22 54 207 15 2.0 22 27 18/ 17 13 .4 1.2 13 13 21 16/ 15 11 .0 11 15 16 14/ 13 LÞ 11 5 .1 5 10/ 9 15 8/ ದ 6/ 5 TUTAL 17.158.812.8 1.3 546 645 945 846 Ele nent (X) No. Obs. Meca No. of Hours with Temperature 34.5 8.941 31.1 7.099 71454 6102620 Rel Hum 846 **₫** 0 ≤ 32 F ≥ 67 F # 80 F 84 Dry Bulb 860136 26300 845 45.2 25056 846 53.9 781498 29.6 6.778 84 Wet Bulb 26.8 7.567 Dew Point 657582 22702 84

JATA PROCESSING RRANCH
USAF ETAC
AIR LEATHER SERVICE/MAC

34035 HAHN AP/HUTSP

PSYCHROMETRIC SUMMARY

34055 HAHN AP/HUTSPOUK GERMANY 9-7.

5747-04 FEW

9-7.

PAGE 1 0600-0400

HOURS 1... S. T.

Temp										DEPRE								TOTAL		TOTAL	
, F.)	0	1 - 2	3 4	5 - 6	7 - 8 9	- 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22,2	3 - 24 2	5 - 26	27 - 28 2	9 - 30	≥ 31	D.B. W.B.		Wet Bulb	Dew Por
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46/ 45		•7	<u>• t</u>	• 2						-								13	13	4	
44/ 43	i	. 7	• 3 ,							i .	1		1					10,	10	9	1
42/ 41		2.4	1.2.							<u> </u>								30	30	16	
40/ 39	1	3.2	2.0		• !			i			}	-	1					50	50	33	r
<u>38/ 37.</u>		5.5		• l							<u> </u>							61	51	21	3
36/ 35			1.7	. 4							!			,	•			102	7.75	<i>6</i> 1	
34/ 33.		9.7		_ 5_						1	<u> </u>	;	3					102	105	111	. 7
32/ 31	2.41	1.2	2.7					1		1								140	140	102	15
30/ 29'	2.5	6.0	• 9.					i	•	:								80	80	إرا	10
28/ 27	2.8	3.4	• 5	Ť						<u> </u>	Ĭ							57	57		
26/ 25	1.4		. 4					:		<u>;</u>	<u> </u>							59,	59		
24/ 23		5.7									i							58	58	58	6
22/ 21		1.7								į	1		•					. 17	17	52	4
20/ 19	. ŭ.	1.1									i							16	16	27	- 6
18/ 17	- 41	. 6					•			1							:	10	10	8	خ إ
16/ 15	-8	• 9								i	! !							15	15	13	1
14/ 13	. 1.	. 6		1							1		i					6	6	8	ı l
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6/ 5	1	į		;			•						į	;	-		ı				1
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lement (X)		Ex?			ž x	T	<u> </u>	₹ 2	Ţ	No. O	·s.				Mean No	of H	ours wit	h Temperat	ure		
Rel. Hum.			9661		7121	7		8.7			46	± 0 F	1 :	32 F	≥ 67 F		73 F	= 80 F	e 93	F	Total
Dry Bulb			9950		2648			6.9			46			6.6		\top		 	1	_	8
																~+—		ļ			
Wet Bulb		7F	7404		2521	LON	29.8	0.7	431		46		, ,	3.7		ł		i	ı	•	

DATA PROCESSING RRANCH USAF ETAC AIR -FATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34055 HAHN AR/HU-159 JCK GERMANY 9-7: FEB

PACE 1 0900-1100

Te~p		WE	T BULB TEMPERATUR	RE DEPRESSION	(F)				TOTAL		TOTAL	
٠,٤	0 1-2 3-4 5-		0 11 - 12 13 - 14 15 - 1	16 17 - 19 19 - 20) 21 - 22 23 -	- 24 25 - 26 3	27 - 28,29	- 30 - 31	D B. W B. (Dry Buib Y	Ver Buib C	Dew Poir
58/ 57		•	1						1	1		
54/ 53		• 1							1	<u> </u>		
52/ 51	• 1	• 1.							2	2		
50/ 49		• 4							4	4	1_	
48/ 47		· ∠ · l					ī	-	11	11	2	
46/ 45		<u>• l</u>	_,						. 17	17		1
44/ 43		• • • 1 •	I	Ť			•		59	59.	1 ² ,	5
42/ 41	.1 1.5 2.5	<u>.l</u>			·				35	36	20,	14
40/ 39.	-	.8 .4		ĺ	<i>'</i> :				61	51	38	4
38/ 37		· · · · · · · · · · · · · · · · · · ·							8.8	88	ાં.	42
36/ 35		. 2							100	100	54	70
34/ 33		. 4.	<u> </u>	<u> </u>					197	197	129	28
32/ 31		• 2							99	99	154	59
30/ 29		•2							51	51	113	122
28/ 27	1.3 3.9 .8								21	51	7.5	75
26/ 25	1.1 4.5 .0			<u>:</u>					>2	52	53	63
24/ 23	.2 5.0, .2		(1			•	46	46	59,	0.0
22/ 21	.5 1.9' .1								21	21	٥٥.	50
20/ 19	.5 1.2 .1	i .		2 j	1	3 ×			15	15	24	54
18, 17	• 4· • 4	_ +							6,	6	- <u>-</u> -	
16/ 15				1 1	1 1	1 .			5:		6	22
14/ 13	•1; •4					· · ·			4	4	5	10
12/ 11	• 4: • 2;				! !	. :			5	5	ž,	Te
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Elenent (X)	Σχ'	Zχ	A PA	No. Obs.	<u> </u>			of Hours wit	th Temperatu	ire .		
Rel Hum.	5701690	68790	81.510.615	844	20F	= 32 F	≠ 67 F	₹ 73 F	≥ 80 F	≥ 93 F		otai
Dry Bulb	948690	27670	32.8 7,020	844	<u> </u>	38,5		<u> </u>		1	<u> </u>	₫4
Wet Bulb	837799	26033	30.8 6.427	844		48.3			L			84
Dew Point	682357	23233	27.5 7.127	844		62.2		1	1	1	1	54

FORM 0.26-5 (OL A) BENTED MENDUS IDNIONS OF THIS FORM ARE CHROUTED JUN 64

USAFETAC FORM 0.26-5 (O

DATA PROCESSING PRANCH USAF ETAC AIR SEATHER SERVICE MAC

PSYCHROMETRIC SUMMARY

FE3 1200-1430 PACE 1

, e-p		ME.	TBULBT	EMPERATUR	E DEPRESSION	(F)				TOTAL		TOTAL	
· e .	0 1-2 3-4 5	-6 7-8 9-10	11 - 12	13 - 14 15 - 1	6 17 - 18 19 - 20	21 - 22 23	24 25 - 26	27 - 28 29	30 + 31	D.B. W.B.	Dry Bu a	Wet Bulb C	ew P
55/ 55		•	1		4					1	1	1	
54/ 53	• l	.2' .1								4	4		
52/ 51		• •	4		ı					3 '	3		
50/ 49	.2 .7	.7 .5 .	1 .1				•			23,	20	2	
48/ 47		• 5	4		•					33	33	4	
45/ 45	.6 1.8 1		2 . 1,		į	•				37	37	10	
44/ 43	.2 .7 1.9 1	.85 ·	4		-					47	47	30	
42/ 41	.1 1.5 3.1	.0 .2,	2							49	49	42,	
40/ 39	.2. 3.1 4.3 1	. 1 6				:				78,	78	591	
38/ 37	1.5 0.3 2.4	• B'		1 4		<u> </u>				93	93	96	
35/ 35	.0 6.6 3.8 1	. • 2;								105	105	107	
34/ 33		. 7.			·:	li				92	92	108	
32/ 31	1.5 6.4 2.0	• 5			,					. 95	95	100	ī
30/ 29	.4 3.0 1.2			*						43	43	કેઇ	
28/ 27	.8 3.4 1.2									46	46.	54	
25/ 25	.0 3.0 1.3			:						46:	46	21	
24/ 23	.0 2.5 .4					1				29!	29;	42	
22/ 21	•1 •4 •1	<u> </u>				<u> </u>		i		5	5	29	
20/ 19	• 4, • 5		1	:			: "			7	7	11	
18/ 17	. 4			· · · · · · · · · · · · · · · · · · ·		<u> </u>	!			3	3	4	
16/ 15	• 2: • 4:	i .	!		i		:	-	-	5	5;	5	
14/ 13	.4 .1	i		<u> </u>		<u> </u>	· · · · · · · · · · · · · · · · · · ·			4:	4;	5	
12/ 11					. [i i	:	!	:				
10/ 9		_			_ :	<u> </u>		<u></u>		1			_
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TOTAL	8.346.730.216	7 2.1 1.	δ . 2		<u> </u>		,			<u> </u>	645		Ċ
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Element (X)	Zx²	ZX	-		No. Obs.	 		Hean No.	of Hours wit	h Temperati	i i		
Rei. Hum.	5138458	64938		13.242	845	±0F	± 32 F	≥ 67 F	≥ 73 F	≥ 80 F	- 93 F	7	otal
Dry Buib	1105073	29947		7.199	845	 -	28.1			1 307	+-"		
Wet Buib	939763	27667		6.337	845	 	38.5		 	 	+	 	
Dew Point	729224	24078		7.148	845		57.9		 -	 	+	_i	

DATA PROCESSING RRANCH UŞĀF ETAC AIR ZEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34055 HAHN AR/HUNSOUCK GERMANY 1500-1700 PACE 1

Temp									E DEPRESSIO						TOTAL		TOTAL	
·F.	0 1-	2 3 - 4		7 - 8	9 - 10	11 - 12	13 - 14	15 - 10	6 17 - 18 19	20 21 - 22	23 -	24 25 - 26	27 - 28 29	- 30 → 31		Dry Buib	met Buis	Dew P
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52/ 51 50/ 49			<u>.1</u>	• 4 ₁		+									12	12:		
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44/ 43		. ś l.													39	39	24	
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40/ 39		.7: 5.										,			96	96.	52	
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36/ 35	1.1 0	.0 3.	9 .7	. 2			k.	1			-				101	101	77	
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Element (X)	<u> </u>			Σχ	_	X	<u></u>		No. Obs.	<u> </u>				of Hours wit				
Rel. Hum.		12861		649			12.7		846	= 0	F	= 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F		Total
Dry Bulb		07077		295			7.0		846	_		29.4		<u> </u>	<u> </u>	 	_Ļ_	
Wet Bulb		71131		272			6.2		846	-		41.5		<u> </u>	 	 		
Do- Point	L	70386	0	236	24	20.0	7.0	9 Z	846	L		61.0		!	1	1	!	

10EM 0.26-5 (OL A)

DATA PRICESSING PRANCH USAF ETAC AIR MEATHER SERVICE/MAC HAHN AR/HU' SPUCK GERMANY

PSYCHROMETRIC SUMMARY

											PAGE		Lago.	
Temp						E DEPRESSION					TOTAL		TOTAL	
(Fi	0 1-2 3-4	5 - 6	7 - 8 9 - 1	10 11 - 12	13 - 14 15 - 1	6 17 - 18 19 - 2	0 21 - 22 23	- 24 25 - 26 2	7 28 29	30 ≥ 31	D.8. W.B.	Dry Bulb	We• Bulb	Dew Po
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- Point	69555	어	23520	61.0	7.022	846	1	63.3		i	1	ı	1	3

DATA PROCESSING PRANCH USAF ETAC AIR MEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

HAHN AP/HULSPUCK GERMANY FÉS NON"H PASE 1 2100-2300 WET BULB TEMPERATURE DEPRESSION (F) TOTAL 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 2C 21 - 22 23 - 24 25 - 26 27 - 28 29 - 20 23 1 D.B. W.B. Dry Bulb Wet Bur Dew Point 52/ 51 • 2 50/ 49 48/ 47 6 • 2 12 45/ 45 • 0 • 2 11 44/ 43 1.2 1.6 48 4 ã 12 42/ 41 1.9 3.7 50 40/ 39 2.0 2.0 ٠, • 2 50 3 72 72 32 38/ 37 25 35 120 56 6.9 34/ 33 1.310.3 2.5 125 132 62 71 124 32/ 31 1.2 6.4 3.4 30/ 29 28/ 27 75 75 127 1.3 0.1 1.3 104 55 97 55 2.1 3.2 1.1 62 ___5 49 26/ 25 .0 4.3 38 38 60 24/ 23 4.0 43 54 22/ 21 .5 3.0 36 36 50 51 20/ 19 35 .2 2.1 37 18/ 17 Ó 16/ 15 14/ 13 35 14 3 13 12/ 11 10 10/ . 1 8/ 0 6/ 646 645 10.341.024.7 3.5 .5 846 846

₹ (0 L 0.26.5

Element (X)

Rel. Hum.

Dry Bulb

Wet dulb

Dew Point

No. Obs.

845

846

845

346

± 32 F : ≥67 F | ≥73 F

Mean No. of Hours with Temperature

37.9

49.7

64.C

5645355

930374

822282

664455

68541

27478

23842

22929

+ 93 F

81.010.452

32.5 6.696

30.5 6.241

27.1 7.135

± 0 F

₹

84

DATA PROCESSING PRANCH USAF LTAC AIR - EATHER SERVICE/"AC

PSYCHROMETRIC SUMMARY

TOTAL

TOTAL

FLB HAHR AR/HU"SRUCK GERMANY PAGE 1 ALL HOURS (L. S. T.)

WET BULB TEMPERATURE DEPRESSION (F) (F) D.B. W.B. Dry Bulb Wet Bulb Dew Port 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 × 31 58/ 57 1 56/ 55 .1. 6 54/ 53 15 52/ 51 50/ 49 • 0 97 48/ 47 166 46/ 45 • 0 • 0 166 44 136 44/ 43 224 224 334 84 42/ 41 .1 2.0 2.5 • 1 336 237 499 499 337 101 40/ 39 610: 610 5191 **325** 38/ 37 .a 5.2 2.4 • li ï 19 د 845 843 690 36/ 2.0 873 873 933 30 ن 1.2 0.9 2.5 . 4. 34/ 33 853 859 32/ 7.8 53 ن 902 1.5 5.4 1.2, 30/ 29 549 549 8881 481 . 1 5<u>53</u> 4181 676 418 .7 3.5 28/ 27 • 0: 390 407 26/ 25 1.0 4.2 390 469 353 353 476 24/ 365 23 378 325 22/ 21 .5 1.7 163 163 20/ 110 1:9 179 1.3 53 315 53 18/ 17. 88 192 16/ 61 59 34 34 131 44 14/ 13 ِ <u>ج</u>ُ ہ 90 24 24 12/ 26 10/ 15 73 16. • l; • 1, 9 43 10 8/ 6/ 15 2 11.959.322.6 4.6 1.0 6755 6765 6765 No. Obs. Element (X) Rel. Hum. 45193650 547804 81.011.108 6765 ± 32 F 32.9 7.119 30.9 6.506 222801 6765 302.2 672 Dry Bulb 7680615 380.5 672 6765 Wet Bulb 6761530 209296 672 5467536 185978 6755

õ 0.26.5 ***

DATA PROCESSING RRANCH USAF ETAC AIR LEATHER SERVICE/PAC

PSYCHROMETRIC SUMMARY

HAHN AP/MUNSFUCK GERMANY

P.A.R.

PAGE 1

0000-0400

Temp					E DEPRESSION					TOTAL		TOTAL	
(F)	0 1-2 3-4	5 - 6 7 - 8 9 - 1		- 14 15 - 16	6 17 - 18 19 - 20	21 - 22 23 -	- 24 25 - 26 2	7 - 28 29 -	30 + 31	D.B. W.B.	Dry Bulb !	Wer Bulb	Dew Po
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Element (X) Rel. Hum.	57 ₂ 5748	719 ₂ 8	77.21	3.234	930	20F	± 32 F i	2 67 F	* 73 F	> 80 F	. 93 F	т :	Total
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Wet Bulb	1046903			7.040	930		45.7			 	 -	-	 9
Dew Point	821117			7,914	930		62.9			 	 		9
	251111	20071	-0.00	79.74.79			1 75.47	1			1		

FORM 0.26.5 (OL A) etvisto mevicous tomores of this form are county

USAFETAC 1014 0.26-5 (OLA)

DATA PROCESSING RRANCH USAF ETAC AIR "EATHER SERVICE/MAC 34055 HAHN AP/HUTSR

PSYCHROMETRIC SUMMARY

34055 HAHN AP / HUTISRUCK GERMANY 9-77 ...AK

5747 GN FARS PAGE 1 0300-0500

MOUTH

PAGE 1 0300-0500

MOURS ILL S. E.T.

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Rel. Hum. 6059649 74153 79.712.584 930 ±0F ±32F ±67F ×73F ×80F ×93F Total Dry Bulb 1138287 31713 34.1 7.824 930 38.6 Wet Bulb 991688 29638 31.9 7.125 930 49.2										┸┯			r!l			بلب			<u> </u>	1	i	
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	Dew Point	+											 				- -		┼──	+		~

DATA PROCESSING PRANCH USAF ETAC AIR REATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

									PAGE	L)ნეე∽	0.50
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Temp _					DEPRESSION				TOTAL		TOTAL	
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le-ent (X)	Z+2	ZX X Mean No. of Hour								with Temperature		
lei. Hum.			930	± 0 F			on No. of Hours with Temperature			F Total		
Dry Bulb	1170352	32174	34.6 7		930		39.2	- O/ F - /.	780 F	+ 93 F	 '	9
Wet Buib	1019942	30084	32.3 7		930		45.7			+		9
Dew Point	822598	26682	28.7 7		930	<u> </u>	63.0			 		9
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USAFETAC 104m 0.26.5 (OLA) IIVISEPSEWON SERION OF THE FEBRUARE OBSCIESE

DATA PRICESSING FRANCH USAF ETAC AIR LATHER SEPVICE/MAC HAHN AT/HUTSPUCK GERMATY

* A ×

PASE 1

PSYCHROMETRIC SUMMARY

936-1100 -≈#5 ...5 %

74-4				ET BULB T	EMPERATE	IRE DEPRESSION	(F)					TOTAL		TOTAL	
F	6 1-2 3-	4 5 - 5	7 - 8 9 -	10 11 - 12	13 - 14 15 -	15 17 - 15 19 - 2	9 21 2	2 23 - 24 3	25 - 26 27	- 28 29 - 30	· 3;	>.s. ¥.8.	D. 5	Wer Burn	De- Pa-
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38/ 37		.2 l.o		<u>• 1</u>								70	-	50	
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24/ 23		. 4.	, ,			:	:					20	5.0	29	
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TOTAL	0.134.83?	.9.5.4	1 5.9 2	.6 1.2	. 2	.2 .2		1 :					930		930
<u> </u>			<u> </u>		<u>_</u>		1	i i			!	930	l	930	1
Element (X)	Σχ'		ΣX	X	· *z	No. Obs.	Tital.			lean No. of Hi	ours with	Tempera	ture		
Rel. Hu	51925		68108		15.060	930	= 0) F 2	32 F	267 F 2	73 F	→ 20 F	• 93 1	-	Terel
Dry Bulb	14209		35476		8,533	930	.i		3.5	•11	ı		-;	\neg	93
Wer Bull	11672	7 4	32270		7.152			3	7.4					T	93
De- Point	8805		27651		7.927	930			4.5						93

DATA PRUCESSING PRANCH USAF ETAC **PSYCHROMETRIC SUMMARY** AIR MEATHER SERVICE/MAC HAHI AR / HUNSPUCK GERMANY PAGE 1 1200-1400 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 231 D.B. W.B. Dry Bulb Wet Bulb Dew Point 72/ 71 . 1 70/ 69 2. 68/ 67 • 2 66/ 65 64/ 63 .1 6 6 24 .9 24 62/ 61 Tō; 16 60/ 59 • 0 , 1 17 58/ 57 17 • l 56/ 55 15: 75 •5. 23 23: 54/ 53 25 22 22: 52/ 51: 65 65 50/ 49 1.3 . 4 59 59 43/ 47 1.7. 1.8 40 .0 ¢ò 69 23 46/ 45 1.8 2.6 3.2: 1.5 37 87 42 1.7 2.3 3.2 1.3 2.2 1.1 44/ 43 . 2 42/ 41 37 • Ó: . 3 6٥ 60 74 1.3 3.4 2.0 31 81 76 38/ 37 85 98 44 95 87 • B; 36/ 35 .9 3.2 5.3 3.0 66 66 107 94 34/ 33 .3 2.2 1.0 61 113 32/ 31 3.2 1.7 61 106 1.7 1.2 35 35 08 30/ 29 66 78 13 28/ 27 • ó • 2 13 26/ 25 . 4 6 Ó 90 26 24/ 23 . 3 16 24 31 20/ 19 17 27 18/ . 3 ₹ 17 õ 16/ 15 21 14/ 13 12/ 8 10/ 8/ Element (X) ZXZ No. Obs. Mean No. of Hours with Temperature Rel. Hum. ± 0 F | ± 32 F ≥ 67 F ≥ 73 F ≥ 80 F ≥ 93 F Dry Bulb

Wet Bulb

DATA PRUCESSING BRANCH USAF ETAC AIR "EATHER SERVICE/"AC

PSYCHROMETRIC SUMMARY

TOTAL

HAHN AR/HU"SRUCK GERMANY MAR MONTH 1200-1400 PACE 2 HOURS (L. S. T.)

WET BULB TEMPERATURE DEPRESSION (F)

28035

0 1-2 3-4 5-6 7-8 9-10 11-12 13-12 15-16 17-18 19-20 21-22 23-24 25-26 27 26 29-30 231 DB. M.B. Dry Bu'b Wer Bulb Dew Point 2.021.828.519.914.1 6-1 3-7 1-2 1.4 -4 -3 930 930 TOTAL 930 930 Element (X) No. Obs. Mean No. of Hours with Temperature 65.716.970 41.8 9.057 36.8 7.130 30.1 8.349 93C 61061 Rel. Hum. 4276623 ± 32 F 267 F 273 F 280 F 293 F 930 1699213 38851 12.8 Dry Bulb 930 34226 27.0 1306816 Wet Bulb

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DATA PROCESSING PRANCH
USAF ETAC
AIR FEATHER SERVICE/MAC

HAHN AR/MUNSPUCK GERMANY
STATION NAME

PSYCHROMETRIC SUMMARY

MAR

PAGE 1 1500-1700 HOURS IL. S. T.) WET BULB TEMPERATURE DEPRESSION (F) 7 - 8 '9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 2 31 D 8-W.B. Dry Bu'b 70/ 69 68/ 57 3 60/ 05 7 . 1 64/ 53 62/ 61 60/ 59 . 3 . 4! . 1 11 Π . 9 28 28 • 6I . 4 • 1 58/ 57. 18 18 21 . 9 56/ 55 21 54/ 53 • 1; 17: 52/ 51 28 26 .2, 1.3 1.0 13! 28 50/ 49 40 40 .2 1.1 1.2 1.2 . 2 55 55 48/ 47 .3 1.5 1.5 1.6 40 46/ 45 44/ 13 1.1, 1.8 2.2 1.2 63 63 42 57 • 1 75 75 29 1.5 2.4 2.0 1.5 108 55 42/ 41 1.4 4.0 3.1 2.0 1.0 70 39 81 31 40/ 39 · 3 · 4 2 · 7 3.4 2.5 2.9 2.9 4.1 1.5 38/ 37 36/ 35 91 91 931 47 . Ó • 1 90 90 90 <u>•</u> 2: 114 . 5 .5 2.2 4.0 34/ 33 79 79 103 90 • 1 42 42! 30 32/ 31 100 1.7 1.7 30/ 29 31 31 93 1.9 . 6 24 - 6 39 28/ 27 17 83 17 1.0 • 5 • 5 26/ 25 10 31 70 10 5 5 85 24/ 23 14 22/ 21: T 30 1 29 20/ 19 • 1 18/ 17 29 . 2 17 16/ 15 18 14/ 13 12/ 11 107 9 7 8/ 6/ ZX2 No. Obs. Rel. Hum. ≥80 F = 93 F = 0 F ≤ 32 F Dry Bulb Wet Bulb Dew Point

DATA PROCESSING FRANCH USAF ETAC AIR -EATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

HAHL AP/HUNSRUCK GERMANY 1500-1700 HOURS (C. S. T.

Тетр							WE.	T BULB	TEMPER	ATURE	DEPRE	SSION (-)				,		TOTAL	<u> </u>	TOTAL	
(F)	0	1 - 1	2 ′	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 3	C ≥ 31	D.B. Y.B.	Dry Bulb	Wet Bulb	Dew Por
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Element (X)	 	Z _X 2			 	ZX	┷┯	 	- ·	' 	No. Ob	<u>. </u>			<u> </u>	Mean	No. of	Hours wi	in Tempero	ture		
Rei. Hum.				201	1		401	64.9	16.4	80		30	# 0 F	: 1	≤ 32 F	≥ 67		≠ 73 F	= 80 F	> 93	F	Total
Dry Bulb		16	660	827	-	384	445	41.3	8.7	77	9	30			11.5		.4		1	 		93
Wer Bulb	 	1	272	654	1		786	36.3	6.9	78	9	30			28.5		-		 	1		9.
Dew Point			R72	570	1		450	79.5	8.1	93	<u>~</u>	30			57.0				- 	_		93

DATA PRICESSING ARANCH USAF ETAC **PSYCHROMETRIC SUMMARY** FIR MEATHER SERVICE/MAC HARN AP / HUMSRUCK GERHANY 1800-2000 PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL (F) 0 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 26 27 - 28 29 - 30 e 31 D.B. W.B. Dry Builb Wer Builb Dew Point . 1 1 68/ 67 64/ 53 62/ 61 .1 .1, 60/ 59 58/ 57 • 2 .1 • Z 17 56/ 55 17 . 2 54/ 53 • 5. 23 23: • 4 27 27 . 4 50/ 49 .1 1.3 12: . 4 48/ 47 29 37 37 .4 1.7 1.0 46/ 45 1.6 2.5 2.2 ò() οÚ: 67 44/ 43 2.6 2.4 2.0 **67** 20 •Z 62: ა₹ 34 42/ 41 1.4 4.1 1.0 621 96 96 57 40/ 39 72 .3 1.1 6.7 1.7 38/ 37 39 30 39 32 3.9 3.6 1.6 . 5 102 102: 75 36/ 35 4.0 4.5 1.7 .3 3.4 5.4 1.5 .8 3.3 3.7 .9 108 106 34/ 33 1.0 108 108 87 117 32/ 31 87: 105 30/ 29 .5 2.6 • 5 45 45 631 प्रव • 1: 85 1.1 ۵2 20 28/ 27 67¹ 52 26/ 25. .3 1.4 21 21 38 . 8 24/ 23 1.0 10 10 70 . 1 22/ 21 39 i 2 3 29 20/ 19 . 2 2 2 16 18/ 17 4 16/ 15 4 15 . 3 14/ 13 21 • Z 12/ 11 14 9 11 10/ 8/ 6/ **35**5 929 3.729.038.617.3 6.9 2.5 1.4 TOTAL 929 929 No. Obs. Mean No. of Hours with Temperature Element (X) 929 4087048 267 F | 273 F | 280 F | 293 F Rel. Hum. 66024 71.114.486 10 F ± 32 F 929 93 35771 38.5 8.023 Cry Bulb 1437091 20.0 Yet Bulb 929 34.9 93

Dew Point

1168720

32328

27289

34.8 6.866

29.4 8.002

929

93

DATA + 1 - CESSING RRANCH USAF ETAC AIR REATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

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Tens								WET	BUL	.B T	EMPE	RA	TURE	DE	PRES	SION	4 (F)								_ TOTAL _			TOTAL	
(F)	ວ	1 -	2	3 - 4	5 - 6	7 - 8	9	- 10	11 -	12 1	13 - 1	4 1	5 - 16	17	- 16 1	19 - 3	20 ^j 21	- 22	23 - 2	24 25	- 26 27	- 28	24 - JC	- 31	D.B. W.B. (Dry B	ulb.	Wer Buit	Dew Poin
29/ 57												21		-											3 :		3.1		

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34/ 33	1.2 2.7 4.1:	• 8i			;	 		1	1	81	8.	97
32/ 31	1.2 3.7 3.4	. 8 . 3	ı	r				ì	1	67	87	103
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Element (X)	z _x ,	ZX	<u> </u>	 	Hs. Obs.	 		Mean No.	of Hours wit	th Temperati	ure	
Rel. Hum.	5344575	69347		13.670	930	± 0 F	± 32 F	≥ 67 F	≥ 73 F	- 80 F	≥ 93 F	Toro
Dry Bulb	1303386	34032		7.904	930		28.7			1	1	
Wet Bulb	1090527	31183		6.957	930		41.7					
Dew Point	830490	26800		7:914	930		61.0			T	T	T

DATA PRICESSING ERANCH USAF ETAC AIR MEATHER SERVICE/MAC

HAHN AF/HL "SPLCK GERHAMY

PSYCHROMETRIC SUMMARY

															Pase	<u> </u>	AL HOURS	
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DATA PROCESSING RRANCH USAF ETAC **PSYCHROMETRIC SUMMARY** AIR FEATHER SERVICE/FAC HAHN AR / HUNSPUCK JERMANY $V\Delta R$ MON " PAGE 2 LLL -0095 c. 5. WET BULB TEMPERATURE DEPRESSION (F) TOTAL 3 1-2 3-4 5-6 7-8 9-10 11-12 13-14 15-16 17-18 19-20 21-22 23-24 25-26 27-28 29-30 e 31 D.B. W.B. Drv Su b Wer Buib Dew Point 4/ TOTAL 7.634.133.413.40 0.4 2.6 1.4 .4 .4 .1 .0 .1 7439 7439 HIS FORM ARE DESCRETE I RIVISED PREVIOUS ESTICAGE OF 0.26.5 (OL A) FORM 101 64 Mean No. of Hours with Temperature No. Obs. Element (X) 7439 41715814 545182 73.315.387 = 32 F 267 F 273 F 280 F 293 F 37.6 8.684 34.1 7.243 29.1 8.038 11054942 279402 7439 209.6 1.2 Dry Bulb 744 254024 7439 310.1 9064508 7439 6795779

USAFETAC FORM 0.26-5 (OLA) INVIDENTIVOUS DEPLOYED OF INSTITUTE ATT OLSOHIS

DATA PROCESSING RRANCH USAF ETAC AIR MEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

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DATA PROCESSING PRANCH USAF ETAC AIR - EATHER SERVICE/MAC

HAHN AS/HUMSRUCK GERMANY

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PSYCHROMETRIC SUMMARY

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PAGE 1 3300-0500 HCL#5 .. S. " WET BULB TEMPERATURE DEPRESSION (F) 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 15 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 2 31 D.B. W.B. Dry Build Wet Build Dew Point 64/ 63 62/ 61 60/ 59 58/ 57 55/ 55 • 2: 54/ 53 • 2 52/ 51 20 • 7 ٥٠ ٠, 50/ 49 48/ 47 .2. 2.3 45/ 45 3.7 2.2 1.1 ·i. 3.4 2.7 1.4 74 29 7 4 44/ 43 58 91 ٩L 42/ 41 33. 40/ 37 2.7 4.4 2.1 83. 78 60 95 98 54 7£ 38/ 37 5.0 3.7: 1.4. 7ã 36/ 35 5.3 2.0 79 79 115 82 83 01 34/ 33 .3 5.0 3.3 96 .4 5.1 2.4 32/ 31 . 2! 74 74 39 105 97 53 58 30/ 29 4.5 199 95 .4 2.3 28/ 27 . 2 32 32 15 80 15 26/ 25 77 24/ 23 10 ٠ì. 22/ 25 20/ 19 Lo 1 14 18/ 17 16/ 15 8 14/ 13 12/ 11. 2.947.129.712.8 4.6 2.2 900 900 900 900 Mean No. of Hours with Temperature Element (X) 900 76.013.249 39.1 7.010 68399 5355057 = 32 F | = 67 F | * 73 F | * 80 F Rel. Hum.

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Dry Bulb

Wet Bulb

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DATA PROCESSING RRANCH
USAF ETAC
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34055 HAHN AR/HUNSRUCK GERMANY
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PSYCHROMETRIC SUMMARY

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DATA PROCESSING PRAICH USAF ETAC AIR -EATHER SERVICE/MAC

HAHN AP/HUYSPUCK DERPAYY

PSYCHROMETRIC SUMMARY

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AC 108# 0.26-5 (OL. A)

DATA PROCESSING PRANCH **PSYCHROMETRIC SUMMARY** USAF ETAC AIR PEATHER SERVICE/MAC HAHN AS HUNSRUCK GERNANY PAGE 1 1200-1400 HOJRS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL D.B. W.B. Dry Bulb Wet Bulb Dew Point 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 * 31 80/ 7· 78/ 77 . 1 • 21 3; . 5 76/ 75 74/ 73 72/ 71 . 1 31 70/ 69 12 12 58/ 67 . 8 24 24 66/ 65 38 1.3 38 64/ 63. •1; 1.8 . l 38 62/ 61 38 24, 24 60/ 59 58/ 57 38 38 13 56/ 55 34 1.0 44 54/ 53 . 3 44 72 .6 1.0 2.3 1.7 72 40 52/ 51 . . 96 50/ 49 1.9 2.0 2.3 2.4 96 69 1.8 69 86 48/ 47 1.0 1. 1.1 2.4 1.9 1.4 1.0 1.7 67 67 35 46/ 45 64 64 Τισ 44/ 43 1.2 1.0 1.8 2.2 49 42/ 41 2.6 1.4 66 2.0 66 72 73 73 1.6 2.2 2.4 1.3 83 58 38/ 37 1.7 3.0 1.2 58 39 39 93 86 36/ 35 .9 2.6 67 18 18 .7 1.1 83 34/ 33 95 32/ 31 . 6 87 30/ 29 82 28/ 27 26/ 25 64 ব 38 ..2/ 21 17 12 20/ 19 9 18/ 17 15 16/ 15 2: X Σχż No. Obs. Mean No. of Hours with Temperature Rel. Hum. ≥67 F ≥ 73 F ≥ 80 F ≥ 93 F ± 0 ₹ ≾ 32 F Dry Bulb

Wet Bulb Dew Point UATA PRUCESSING PRANCH USAF LIAC AIR JEATHER SERVICE/MAC 34055 HAHN AF/HUMSRE STATION

PSYCHROMETRIC SUMMARY

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Wet Bulb		16	0426	7	375	37_	41.7	6.5	60_	9	00			6.6							9
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DATA PROCESSING PRANCH
USAF ETAC
AIR REATHER SERVICE/MAC

34055 HAHM AB/MUNSRUCK GERMANY
STATION NAME

PSYCHROMETRIC SUMMARY

1500-1700

WET BULB TEMPERATURE DEPRESSION (F) TOTAL (F) 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 | 30 | 2 | 31 | D.B. W.B. Dry Buth West Buth Dew Point 60/ 79 78/ 77 76/ 75 ٠O٠ 72/ 71 Ó 70/ 69 12 68/ 67 23: 23 66/ 65 • 2 .3, 1.0 33: 33 64/ 63 29 1.0 62/ 61 60/ 59 . 2: 2.3: 40 40 58/ 57 . 2. .4, 1.3 1.0 56/ 55 55. 2.1 1.1 . 0 54/ 53 .7 1.2 2.1 1.6 61 61 52/ 51 82 1.3 1.6, 2.2 1.8 2.3 50/ 49 66: i 59 17 59 48/ 47 1.4 1.3 1.1 1.4 1.1 56 1.8 1.6 1.2 1.9 1.2 74 46/ 45. 85 .9 1.9 1.9 1.6 ó0 60 105 34 44/ 43 42/ 41 3.0 1.2 3.2 1.9 1.3 51 40/ 39 66 67 06 86 2.0 1.4 2.1 91 1.1 2.4 45 47 38/ 37 45 74 36/ 35 .7 87 2.8 1.6 821 21 68 21 34/ 33 .1 1.3 • 1 95 32/ 31 84 30/ 29 231 78 28/ 27 51 26/ 25 58 24/ 23 21 22/ 21 15 20/ 19 11 18/ 17 14/ 13 No. Obs. Element (X) Mean No. of Hours with Temperature Dry Bulb Wet Bulb Dew Point

FORM 0.26-5 (OL.A) RENSED MENIOUS EDITIONS OF THIS FORM ARE OBSOLFTE

USAFETAC FORM O.2

64 U-26-5 (OL A) REVISED MEVICUS EDITIONS OF THIS KNAW ART OBSOLER

DATA PROCESSING RRANCH USAF ETAC AIR EATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION STATION NAME VEARS MON	34055
PAGE 2 1500-	STATION
HOURS /L	

Temp					,			WE.	T BULB	TEMPER	ATURE	DEFRE	SSION (F)						TOTAL		TOTAL	~
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DATA PROCESSING PRANCH USAF ETAC AIR WEATHER SERVICE/MAC HAHN AB/HUNSRUCK GERHANY

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PSYCHROMETRIC SUMMARY

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· 9-77 1300-2000 PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL 1 1 2 1 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 - 23 D.B. W.B. Dry Buib Wer Buib Dew Poin 74/ 73 72/ 71 70/ 69 .1 .1 68/ 67 . 1 66/ 65 • 1 64/ 53 22 62/ 61 22: . 8 • 2 . 8 60/ 59 15 16 28 28 58/ 57 • 0 1.1 .1 56/ 55 36 36 1.2 54/ 53 . 9 57. 57 11. 1.3 2.0 52/ 51 43 43 1.3 50/ 49 10 97 1.4 3.6 1.7 48/ 47 2.0 82 82 18 66 46/ 45: 1.8 1.3 1.7 . 9 65. 65 95. 25 • 8 . 9 46 44/ 43 2.0 1.3 2.0 63 63 95 52 42/ 411 1.6 2.4 1.8 . 8 .0 64: 64: 95 86 86; 73 40/ 39 3.0 . 6

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14/ 13 Ó 900 22.023.418.214.810.7 6.1 2.9 1.0 900 TOTAL 900 900 Σ_{X^2} ¥ No. Obs. Mean No. of Hours with Temperature 3923128 57402 900 63.817.072 ± 0 F ± 32 F z 67 F ≥ 73 F ≥ 80 F 90 1915294 45.4 8.369 900 3.4 40830 Dry Bulb Wet Bulb 1454887 35735 39.7 6.329 900 13.3 90 900 90 Dew Point 29507 32.8 7.415

DATA PROCESSING BRANCH USAF ETAC AIR -EATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34055 HAHR A2/HUNSRUCK GERMANY 5-77 VEARS PAGE 1 2100-2300

WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL D.B. W.B. Dry Bulb | Wer Bulb Dew Poin 1 - 2 3 - 4 5 - 5 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 23 . 1: 66/ 65 2 5 64/ 63 • 1. . 2. 41 62/ 61 60/ 59 11: •9 181 ٤. 58/ 57 • 0: • 1 13 25! 55/ 55 54/ 53 1.0 32 321 .2. .4: 1.3 . 2: 37 37, 52/ 51 70 701 50/ 49 .8. 2.1 1.0, .8 3.0 23 72 48/ 47 1.9 2.4: 1.2. 1.8 72: 43 46/ 45 3.0 2.2 2.4 1.0 85. 85 74 25 ٠Ž, 35 44/ 43 3.4 1.4 2.1 1.1 75 75 78 . 9: 1.3. 79 .i. 2.8 2.2 671 67 42/ 41 113 40/ 39 85 79 35 50 2.1 38/ 37 1.9 3.7 1.8 69 69 72 35/ 35 92 92 3.7 3.9 2.0 60 69 85 69 34/ 33 .2 4.0 3.1 113 39 39 81 32/ 31 2.6 95 36 36 30/ 29 .4 3.3 â1 90 28/ 27 77 26/ 25 8 • 1 24/ 23 78 221 21 â 20/ 19 18/ 17 13 9 16/ 15 8 14/ 13. 1.030.329.115.613.7 6.4 2.3 1.0 900 TOTAL 900 900 Element (X) No. Obs. Mean No. of Hours with Temperature 61978 68.915.934 42.5 7.795 900 Rel. Hum. 4496340 ± 0 F 267 F 273 F 280 F 293 F ⊴ 32 F Total 38230 900 8.1 Dry Bulb 1678548 38.0 6.387 32.2 7.497 900 Wet Bulb 1338483 34229 20.9 90 28998 900 90 48.1 Dew Point 984238

PORM 0.26-5 (OLA) IENSED MEYICOUS IDITIONS OF

DATA PROCESSING ARANCH USAF ETAC AIR LEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

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FTAC FOLM 0.26-5 (OL A) ITVISED MENOUS EDITIONS OF THIS KILL

SAFETAC SOM

HAHN AR/HUNSPUCK GERMANY 2 304° WET BULB TEMPERATURE DEPRESSION (F) (F) 1-2 3-4 5-6 7-8 9-10 11-12 13-14 15-16 17-18 19-20 21-22 23-24 25-26 27-28 29-30 +31 D.B. W.B. Dry Buth Wet Buth Dow Point :2/ 11 10/ TLTAL 7200 1.328.375.715.911.9 8.3. 4.5. 2.3 1.2 .5 .3 .0 7200 7200 X 4 67.117.334 43.9 5.880 No. Obs. Element (X) Maon No. of Hours with Temperature 7200 ≥73 F ≥ 80 F Rel. hum. 34593944 483220 50F ≤ 32 F ≥ 67 F 720 Dry Bulb 14457329 316237 7200 60.2 8.6 2.4 38.9 6.056 32.7 7.351 137.3

7200

PSYCHROMETRIC SUMMARY

720

DATA PROCESSING BRANCH

AIR MEATHER SERVICE/MAC

USAF ETAC

Wet Bulb

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DATA PROCESSING BRANCH JSAF ETAC PSYCHROMETRIC SUMMARY AIR LEATHER SERVICE/MAC 34055 HAHN AP/HUNSPUCK GERHANY 0000-0200 PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL 1 . 2 3 . 4 5 . 6 7 . 8 9 . 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 2' - 22 23 - 24 25 - 26 27 - 28 29 - 30 23; D.B. W.B. Dry Bulb Wet Bulb Dew Poin (F) 68/ 67 66/ 65 4 64/ 63 4 62/ 61 14 14 60/ 59 • 0 58/ 57 33 56/ 55 53 21 . 4: 1.5: 1.7 1.8 . 4: • 1. 16 54/ 53 1.4 4.3 2.4 83 53 36; .1, 2.6, 2.4 3.2, 1.2, 52/ 51 81: 91: 48 23 127 127 95 67 50/ 49 3.9 .4 3.0 7.0 4] 48/ 47 .1 2.8 5.7 2.4 • ₫ 100 1001 81 .1 3.9 3.9 88 119 65 88 46/ 45 95 36 44/ 43 .5 3.2 4.1 2.1 • Z: dól 130; 04 42/ 41 .1 2.7 3.9 61 77 36 36 40/ 39 1.3, 2.1 . 8 85 38/ 37 43 43 59 78 2.0 2.5 33 11 53 36/ 35. 11 68 34/ 33. 32/ 31 21 63 . 2 31 30/ 29 28/ 27. 20 3 26/ 25: 24/ 23: 1 . 1.727.139.720.8 7.2 2.6 346 ã46 846 845 9 Mean No. of Hours with Temperature No. Obs. Element (X) Rel. Hum. 4858795 63334 74.911.789 845 10 F ± 32 F ≥67 F ≥ 73 F = 93 F 93 1986213 40659 846 Dry Bulb 48.1 6.166 93 Wet Bulb 37413 846 1681019 44.2 5.599 Dew Point 400226

SATA PRICESSING PRANCH USAF ETAC AIR MEATHER SERVICE/*AC

HAHN ARIHU ISPUCK GERMANY

PSYCHROMETRIC SUMMAR

44 Y

MONTH

0300-050 PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL D.B. W.B. Dry Bulb Wet Bulb Dew Po 1-2 3-4 5-6 7 - 8 9 - 10 11 - 12 13 - 14 5 - 16 17 - 18 9 - 20 21 - 22 23 - 24 25 26 27 - 28 29 - 30 + 31 64/ 03 2 ! 2 62/ 01 . 3 60/ 59 . 3 6 6 . 1 15 58/ 57 . 01 .1. 1.9! 2.9 2.1 55/ 55 55 55 15 1.2 • 1 óΰ 54/ 53 08 2.1 28 52/ 51 .2, 2.0 1.8 2.3 1.G 67 67 40 .7 4.5 6.0 2.3 1. 3.9 5.4 2.3 127 127 òá 50/ 49 . 5 112 112 48/ 47 • 1. 104 74 46/ 45 119: 119 .3 6.1 4.4: 2.1. . 2 114 ōс 131 .3 5.5 3.4 2.2 104 104 44/ 43 130 .0 4.4 4.3 1.G 94 94 128 42/ 41 40/ 39 1.8 2.2 .2 38 38 103 50 471 47 66 38/ 37 2.0 3.Ci 77 .1 2.2 1.8 51 35/ 35 3 47 34/ 33 32/ 31 1; 60 • 1, i 13 47 30/ 29 19 28/ 27 26/ 25 11 24/ 23 2.437.736.617.2 5.1 1.0 902 902 TOTAL 902 902 Element (X) No. Obs. Zw Mean No. of Hours with Temperature 77.611.161 46.6 5.778 Rel. Hum. 69974 902 ± 32 F 5540580 902 Dry Bulb 93 1989460 42040 93 43.3 5.506 Wet Bulb 1720668 39082 902 1.9 Dew Point 462543 35849 39.7 6.474 902 14.0 93

3-77

FORM 0.26-5 (OL A) BEYSED MEYICOUS EDITIONS OF THIS TOPIN ARE CRECITED AND 64

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VFETAC 1081 0.26-5 (OL A

USAFETAC FORM C. P. USAFETAC FORM O-26-5 (OLA)

HAHM AS / HUNSRUCK GERMANY

DATA PRUCESSING ARANCH USAF ETAC AIR *EATPER SERVICE/*AC

PSYCHROMETRIC SUMMARY

0600-080C PAGE 1

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Element (X)	ΣX²		ΣX		X	₹	No. C	bs.			Mean No	of Hours =	ith Tempera	TU/®		
Rel. Hum.		10512		6350		12.24		903	±0F	± 32 F	≥ 67 F	≈ 73 F	≥ 80 F	- 93 [Total
Dry Bulb		2437		5197	50.1	6.679	2	203		•	2 1.	21	. I		1	93
Wet Bulb		22011	4	1343		5.68		203		T -	7				T	93
Wel Drip								903		•		,	•			93

DATA PRICESSING PRANCH USAF ETAC AIR REATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

HAHN AR/HU"SPUCK LERMANY 0900-1100 --0,45 .. 5. 5 PAGE 1

i	Temp					E DEPRESSION (TOTAL		TOTAL	_
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# 4	Dry Bulb	2744438	49306		7.608	903			5.7	1.3		+-"	- 	93
AFI	Wet Bulb	2122771	43455		5.918	903	- 1	•3				 	$\overline{}$	93
₽	Dew Point	1637576	37976		6.659	903		9.0				1		93
														

SATA PRUCESSING PRANCH USAF ETAC AIR WEATHER SERVICE/MAC

HAHN AP / HUYSPUCK GERMANY

PSYCHROMETRIC SUMMARY

											PAGE	1 .	1200-	1400
*						DEPRESSION					TOTAL		TOTAL	
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Element (X)	Zx'	Zx	X	₹ <u>8</u>	T	No. Obs.	'		Mean No. c	f Hours with	h Temperatu	<u>-</u>		
Rel. Hum.	3283496	52734		15,03		903	: 0 F	± 32 F	z 67 F	≠ 73 F	≥ 80 F	• 93 F	T	otal
Dry Bulb	3072370	52150		8.23		903			14.6	3.7	.1			9
Wet Bulb	2257451	44823		6.00		903		•1	•2					- 9
De- Paint	1663221	38251	42.4	6.89	7	903		5.5	•1			l	_ 🗀 🗆	9

0.26-5 (OL, A) BEYSTO MIYNESS TOTIONS OF THIS KNEW ALL OBSORTED

SAFETAC FORM 0.26-5 (OL. A)

10th 0.26-5 (OL A)

USAFETAC .

PSYCHROMETRIC SUMMARY

DATA PRICESSING FRANCH USA 4AZC AIR LEATHER SERVICE/MAC 34055 HAHR AP /HL' SPUCK GERHANY 1500-1700 -325 . 3. 5.

Te-s		₩E	T BULE T	EMPERATU	RE DEPRESSION	(F				TOTAL		TOTAL	
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Rei. Hum.	3169453	51107	57.8	15,596	394	±0F	: 32 F	≈ 67 F	₹73 F	*80 F	• 93 F	I T	410]
Dry Bulb	2974507	50761	57.4	8.223	834			12.5	3.7	.1	1	-	
Wer Bulb	2169283	43487	49.2	5.830			•2	•1				•	-
De- Point	1575842	36846	41.7	6.736	834	1	8.6			Ī	ī	<u> </u>	

FORM G-26-5 (OLA) tensto previous formons of this form are obsolere.

DATA PRICESSING PRANCH USAF ETAC AIR WEATHER SERVICE/MAC

34055 HAHI: ARTHUMSRUCK CERMANY

PSYCHROMETRIC SUMMARY

PASE 1

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Rel. Hum.			8543		346		64.7	14.9	25		45	= 0	F	1 12 F	≥ 67		≥ 73 F	≥ 80 F	= 93	F	Total
Dry Bulb			8814		454		53.7				45				·	•8	. 8	·	_		93
Wet Bulb			1394		401		47.5				45			• 2				 			93
Dew Point		148	6772		349	98	41.4	6.6	42		45			10.5	1						93

DATA PROCESSING GRANCH USAF ETAC AIR MEATHER SERVICE/MAC 34055 HAHN AT /HUNSPUCK GERMANY

FSYCHROMETRIC SUMMARY

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Temp											DEPRES								TOTAL		TOTAL	
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Rel. Hum				9085		600	09	70.9				46	± 0 F	: 5	32 F	≥ 67 F		73 F	≥ 80 F	- 93	- 1	otel
Dry Bulb				3716		422	36	49.9	6.4	46	8	46					7			T	_	9
Wer Bulb	,			7224		382		45.2				46		\neg	•4		1		 			9
Dew Poir	nt			8435		342		40.4				46		7	1.7		\top		 	 		9

DATA PROCESSING RRANCH USAF ETAC AIR «EATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34055 HAHR AR/HUMSRUCK GERMANY RATTO YEARS PAGE 1 ALL HOLES ILL. S. T.

Te-p				BULB T									TOTAL		TOTAL	
·F)	0 1 - 2 3 - 4	5 - 6 7 - 8	9 - 10	11 - 12'1	13 - 14	15 - 16		19 - 20		3 - 24 25 - 2	6 27 - 28 29	- 30 → 31	D.B. W.B.	Dry Bu'b	Wer Buib	Dew Po
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4/ 53	.0 1.2 2.2			.3	-0	+		1	1	1	1		562	552		•
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0/ 49	.5; 2.6; 4.4			,		ł	- 1	l	İ	Ì			603	603	861	
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6/ 45.	.1 2.6 2.9		,	İ	i	ł	1	1	ļ	<u> </u>		i	456	456		81
4/ 43	.2 1.9 2.9										 	- -	313	313		
2/ 41.	.2 1.3 2.3		i l			1	1	i	- 1	ļ		ļ	164	164		
0/ 39	.0 .5 1.5		! -				i				++		162	162	295	<u> </u>
8/ 37	.0, 1.0, 1.3	: 1			- 1	}	I	- 1	1	1	1		51	81		
6/ 35	<u>.G .5 .6</u>												1	11	226	30
4/ 33	-0 -1		1		- {	- 1	1	1	1				11	5	124	
2/ 31:	<u>1</u>	 						-			┵		3	3	30	·
0/ 29	; •9j		1		İ	ļ	1	I	1				2	,	13	: Τ.
8/ 27		 	 	\vdash									 		1	1
6/ 25	i	1 1	1		- 1	1	1	İ	1	1	1 1		1			į
4/ 23	1.517.126.8	10 016	0.4	5 0	3 0	-	.5				+		 	7032		70
TAL	1.01/.160.0	7.7.7.40	7.0	3.7	207	1 • 1	• •	•2	•0	1	! !	1	7032	, ,,,,,,	7032	
		 	+								+		1032		1002	
			<u></u>													
lement (X)	Σχ2	Zx		X .	" ₹		No. Ot			T		of Hours wit			<u> </u>	=
el. Hum.	33881010			67.7	15.3	12	70		±0 F	± 32 F	≥ 67 F	≥ 73 F	≥ 80 F	= 93 I		Total
ry Bulb	1970245			52.3			70			,• !			•	' ——	 	74
Vet Bulb	15561821			46.6			70			4.			 			74
Dew Point	12239174	289	916	41.2	6.0	53	70	32		84.	5 .	<u> </u>				74

0.26-5 (OL. A) REVISTO MEVICUS ECHIONS OF THIS FORM ARE CASO

FETAC FORM 0.26-5 (OL /

DATA PROCESSING PRANCH USAF ETAC AIR *EATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34055 HAHN AR/HUMSRUCK GERMANY 18-69,71-77 JUN 1904 1900-02

PAGE 1 0000-0200

Te-p.						BULB T										TOTAL		TOTAL	
(F	3 1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 -	24, 25 - 26	27 - 28 2	7 - 30, + 31	D.B. W.B.	Dry Bu'b	We- Buib	Dew Point
74/ 73				7		1			1	1				. 1		1	1		
72/ 71						1	. 41	•								4,	4		
70/ 69				•1	•1	• 1	. 4.			,						6	0		
68/ 67			. 2		• 6	. 21	. 2,			ı						16:	16		
66/ 65		• 1	. 2	• 2	• 0	•1										11	11		
04/ 63	,	1.0		. 2	• 5	.1	į			1	: 1		į.	' i		19	19	1	
62/ 61	•	5. 1.7	1.1	. 5	.4								1	1	1	34	34	4	
60/ 59		9 2.6			. ک	6	;						1		•	03	53	21	7
58/ 57	.1.3.	2 4.4	2.1	1.1	• 5		-								-:	93.	93	41	12
56/ 55	.5 3.				• 1	.1		ł	1 1	1			1		1	75	76	98	26
54/ 53	.4 4.	3 5.7	2.3	• 2	• 7								1	 -		111	111	30	73
52/ 51	.4 2.						. 1			!			į			77	77	90	71
50/ 49	.5 7.					. 1					;			1 !	- ;	115	115	122.	115
48/ 47	.1 3.					1			!		1 1		1		1	05	651	137	115
46/ 45	.1.4.					1					1		1			54	54:	55	39
44/ 43		1 1.2	•	.1	į			l		1			1			35	35	39	76
42/ 41	• l. l •		.4											1		24	74	42.	64
40/ 39	1	2 .2		. !						-			-	1	l	6	!ه	31.	42
36/ 37		,							ī	ī		_				7		17	38
36/ 35	1	,								ĺ	1 1		i	!				2	33
34/ 33		1		. 1					!					r- · +			i	1	20
32/ 31	i	i	1							1				<u> </u>	ļ		į	-	18
30/ 29	 -		1								1		1						6
28/ 27	:	,				! !		Į					-		l				3
TUTAL	2.333.	531.5	19.1	6.7	4.1	1.6	1.0	•1	.1				1 -			 	610		
		-					_	1	'-	1	1 1		1	1	į	810		810	
	i												\neg		-				
	:	!		i		l i		1	l '	i	1 1			1 1	1		1	į	
		1												 		1		 ;	
	. }	:				1 1		!	í '	1					-			1	
		-												 		1		+	
į				į				ĺ	İ	1							Ì		
		1											+	 		 			
ļ		I		, I				ĺ	l '	l					-			1	į
Element (X)	Σχ²			Z A	7	.x	* 5	$\neg \vdash$	No. Ob	, , ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	·			Mean No	of Hours w	th Temperat	ure		
Rel. Hum.		57225	·	624		77.1				10	± 0 1	F 1	≤ 32 F	≥ 67 F		≥ 80 F	≥ 93 F	7	Teta:
Dry Bulb		26318		431		53.2				10		-		3.			+		90
det Bulb		96495		399		49.3				10		-+			+	┪——	+		90
Dew Paint		34670		371		45.8				10		-+	3.0	 	 	 	†	-	90
								<u>1</u>		<u> </u>		1		1.	_L_	1 .	_1	ı	

(C FORM 0.26-5 (OL.A) REVISED MENIOUS EQUIONS OF THIS FORM ARE C

USAF ETAC AIR REATHER SERVICE/MAC 34055 HANN AR/HUNSPUCK GERMANY STATION NAME

0.26.5 (OL A)

DATA PROCESSING PRANCH

WATER STATES

PSYCHROMETRIC SUMMARY

PAGE 1 ა3ეე−0500 WET BULB TEMPERATURE DEPRESSION (F) D.B. W B. Dry Bulb Wet Bulb Dew Poin 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 72/ 71 70/ 69 3. 0 68/ 67 • 2 • 1 • Ó . 1 10 66/ 65 1 64/ 63 9 • 3 • 1 2.2 37 37 62/ 61 60/ 59 2.6 3.4 1.5 1.0 . 3 65 85 5 22 72 72: lō 58/ 57 2.2 3.1 1.5 1.3 51 56/ 55 54/ 53 4.7 3.7 3.3 5.1 39 1.8 108 108 09 1.0 •3 94 107 75 65 09 69 . 8 102 52/ 51 2.6 3.1 110 110 101 9 7.4 2.9 114 50/ 49 92: 92. 107 110 48/ 47 5.0 3.3 1.8 77 46/ 45 77 124 .5 5.5 1.4 1.4 05 50 50. 106 44/ 43 .2 3.8 . 3. 94 42/ 41 1.9 1.4 3C 30 51 40 40/ 39 16 16 24 .2. 1.4. - 1 39 38/ 37 36/ 35 34/ 33 34 11 19 32/ 31: 16 O 30/ 29 28/ 27 5 4.140.032.412.4 7.1 2.1 876 ₫**7**6 576 375 Element (X) No. Obs. Mean No. of Hours with Temperature 79,512,552 52.2 6.173 5674241 69641 876 ≥ 67 F | ≥ 73 F Rel. Hum. ± 0 F ± 32 F + 57 F Total ≥ 80 F 876 45696 90 2417050 Dry Bulb 90 48.8 5.555 Wet Bulb 2114533 42763 876 1866451 40045 45.7 6.401 876 90 Dew Point

DATA PROCESSING RRANCH USAF ETAC AIR «EATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34055 HAHN AP/HUMSRUCK GERMANY 8-77

STATION STATION NAME

PAGE 1 0600-0600
HOURS U.S. T.

Temp.										DEPRESSIO		·				TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14 :			20; 21 - 22	23 - 2	4, 25 - 26,	27 - 28 29	- 30 - 31	D.B. W.B.	Dry Buin	Wet Bu h	Dew Por
78/ 77	;									• 2'	;	:	, 1		į	; 3	ۇ		
75/ 75				<u> </u>			<u>• 2</u>	· 1	•2			!				5	5		
74/ 73		'	1				٠Ţ		• 2		,	•				· ·	¢		
72/ 71					<u>• 1</u> ;	•2	<u>• 2.</u>	• 1					 			<u>. 5</u> .	<u>Ó</u>		
70/ 69	•		_	• 1,				• 1		•			,	•	,	11	11		
03/ 07			. 2	• 6	1.0	•5	• 7					<u> </u>	<u> </u>			31	31		
66/ 65				1.3							ì		i	i	1	36	36	2	
64/ 63				1.0		<u>•6</u>	• 2	. l.				!				30,	39		
62/ 61	. 1		3.4				. 3.		,	1	i	1	,	'	4	78	78	. 23	
60/ 59	<u>• 1</u>	1.8	2.9	2.4	1.4	<u>•3</u>	•5			!_	:	 		<u></u>		82		43	1
58/ 57				2.4		• 7		:		ĺ	ì				i	87	87	103	3
56/ 35		2.5	4.0	1.9	• ₺							<u> </u>				90	90		7
54/ 53	1.5		5.6		• 5	-5					1	1	,		i	99		38	7
52/ 51.				1.4							- 	 			_ !	78	78	109	7
50/ 49			4.2		- :			,			1					104	104	110	13
48/ 47	<u>. 1</u>										i	-	1			59	59	101	
46/ 45	• 1:									,	1		1		j S	25	_	-	9
44/ 43	٠ ك						<u> </u>									19		53	7
42/ 41	• 1			İ							i i	1			ı	14.	-	. 24	4
40/ 39		• 2					:				i	<u> </u>				<u> </u>	<u></u>		
38/ 37	ĺ		• 1						:	1	į	1	1 1		l	1 4	Ţ	8	
36/ 35			<u></u>	<u> </u>								!							3
34/ 33	1						:	1	i					l i		1 :			1
32/ 31			!		i						!	ـــ				 		<u> </u>	:
30/ 29	_i	a n ,				٠.					1		1		į	i	074		
UTAL	4.3	23.4	33.0	18.0	10.0	2.4	3.4	1.0	.0	- 2		╀—				 	375		87
į	i									i	1		1 1		İ	876		376	
			<u> </u>				 					↓				-		 	
į							! !	ì	l		Ì	1			Ì				ĺ
												┼	+			- 		 	
1																		!	
	i	-		 				1	_			1			_ _			 -	
lement (X)		Σχ²			Σχ		Ţ			No. Obs.		<u> </u>	لــــــــــــــــــــــــــــــــــــــ	Mean No.	of Hours w	ith Temperat	ure	<u> </u>	
Rel. Hum.			0350		659	02		14.04	1	876	₫ 0	F	± 32 F	≥ 67 F	≥ 73 =		2 93	F	Total
Dry Bulb			2654		488			6.90		876		$\neg +$		6.4			1		9
Wet Bulb			2678		449			5.63		876					1	+	T	$\neg + \neg$	9
Dew Point			3608		416			6.34		876		-+	1.1		 	+	1		9

DATA PRICESSING PRANCH USAF ETAC AIR REATHER SERVICE/MAC

HOEM 0.26-5 (OL A)

USAFETAC

PSYCHROMETRIC SUMMARY

34055 MAHN AP/HUMSRUCK GERMANY G8-77 JUN MONTH

STATISH PAGE 1 0900-1100 HOURS (C.S. T.)

Temp							BULB T											TOTAL		TOTAL	
. e	G 1.	ž :	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 3	0, 231	D.S. W.B.	Dry Bulb	Wet Bulb	Dew Point
ธิ6/ ธิ5							; ;					• 1					Ţ	11	1	,	
24/ 63				4			, ,					3	.1	• 1.			:	, 5⊹	5	,	
82/ 61									•1	.1	•1	ال .	.1	1				7	7		
80/ 79					!				. 1	.3	.1				٠		,	, 5 ,	5	· .	
78/ 77						• 2		• 2	2	.5	.1				- 1			11,	11		
76/ 75				•	,	. 3	.2	• 2,	. 5	. 1		. i		,	. ,		;	12	12		
74/ 73					• 21	• 5	. 3		.5	-							1	18	18		
72/ 71.						. 3	1.1	. 3	.7			. i		i	. !			22	22	! !	
70/ 69			•1	•1	2.4			. 3	- 5								,	541	54		
68/ 67			• 2				1.0	. 1:	. 1			.			. !		1	57	57	3	
66/ 65			+ 3				1.0	. 3	.2	-1				1	i		1	75;	75	7	
64/ 63			• 6		2.2		. 6	. 3									i	. 60.	60	22,	4
62/ 61		.1	1.7		2.3			. 5				; ;					1	81	81		4
60/ 59	.1 1	.6	1.3		2.5	• 9		- •				;		[1	94	94		19
58/ 57	• 7	•5	2.4	1.9	1.5	1.0												76	76	113	48
56/ 55	.2 1	.7	2.1	3.0	1.1	• 5	.2	į			,							77	77	80	70
54/ 53	•5 l	.7	2.3	3.7	1.1	• 5											T	38	88	105	54
52/ 51	• Z.	. 8	1.8	1.3	. 9	• 1	1											45	45	107	77
50/ 49	.2.1	.1	1.7	• 2	. 3		,										T	32	32	94	130
48/ 47	1	.1	. 8	. 5	. 2		,	I					_				1	23	23	39	87
46/ 45		• d.	• i	.7	• 3			į									T	17	17	45	97
44/ 43		.7	• Z,	• 1	:			;)			9	9	32	86
42/ 41		• 6-		• 1	-									1				6	6	14	70
40/ 39			• 1;					i							_ [1	i	10	35
38/ 37:			,																	2	24
36/ 35						_	! _ i	}				!i		<u> </u>			1			2	29
34/ 33,																	T				16
32/ 31:														i	!						3
30/ 29		•	:					ì													6
28/ 27]]		<u> </u>]							<u> </u>		<u> </u>	<u> </u>			1
TUTAL	1.910	.71	5.5	20.7	19.5	13.5	8.9	3.1	3.3	1.1	• 3	8.	• 2	•1					376		876
		·													<u> </u>			876		876	
		;					1														
		i	4																		
Element (X)	Σχ		أوري		Z X		X	· · ·		No. Ob								h Temperati			
Rel. Hum.			402		571		65.2				76	±01	<u>:</u> _	± 32 F	≥ 67		≥ 73 F	≥ 80 F	≥ 93	F 1	Total
Dry Bulb		241			528		60.3				76				19.		6.1	1.5	<u> </u>		90
Wer Bulb		516			466		53.3				76					3			<u> </u>		30
Dew Point	2	:031	252		417	94	47.7	6.5	25	\$	76		1	1.0	l	- 1		I	1	;	90

DATA PROCESSING PRANCH USAF ETAC AIR REATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

,F	0 1 - 2 3 - 4	5 - 6 7 - 8 9 - 10	11 - 12 13 -	4 15 - 16	17 - 10	19 - 20 5	21 - 22	23 - 24	25 - 26	27 - 28 2	9 - 30	≥ 31	D.B. W.B.	Dry Buib	Wet Bulb	Dew Point
26/ 85			· 				• 3	.7	•51	• 2		-	15	15		
84/ 83					1		-1	.3		,		١,	4	4	1	
82/ 51			•1		.3	•1,	• 2	.1					9	9		
80/ 79			. • 2	• 2	.1	:	j	į		,			3 '	51	!	
78/ 77			• 2	2, .5	1.4	• 1]	1			24	24		
76/ 75				59			1		,	3			23	23		
74/ 73		.1 .2' .0	1.1:1.	6 . 8	21	•1,							42	42		
72/ 71			2.6.1.						•	·			48	48		
70/ 69				9 .3									57	57	1	
68/ 67	<u> </u>	1.0 2.5 2.6		b .9		i	l			1			80	80	3	
66/ 55	• 7	1.0 1.4 2.7		9 .3	Ī	1	Ī		•				72,	72	13	2
64/ 63	. 8			7:					,			<u></u>	72,	72	41,	. 2
62/61	.5 1.1	1.6 1.9 2.4	•	3	; ;				1	1		!	79	79	30	
60/ 59		1.4 3.0 1.2			<u> </u>								67	67	115	21
58/ 57	1.6 .6			2	1 1		-			1		1 1	71	71	101	40
56/ 55	.2 2.1 1.5	1.9 1.4 .4		_!						<u> </u>			56	66	95	62
54/ 53	.3 .6 .9	1.7 1.4 .3	•	1	1 [- (,	i	į		: 1	46	40	100	
52/ 51	.2 .8 1.1		 				!						37	37	102	
50/ 49	.l 1.G 1.a	' ' '	, ,	ļ	1 1	į	į	į		- 1			35	35	97	134
48/ 47	.5 .3	. 1 .1 .1	<u> </u>		├	\longrightarrow	<u>_</u> _		1			<u> </u>	10	10	56	
46/ 45	.3 .3	1 1		Í	1 1	1			Į	- 1			8	8	26	103
44/ 43	<u>• </u>		 	 -	 								4	4	27	
42/ 41	2		į !	İ	1 1	İ	1		ı	Ì		ļ į	2	2	9	•
40/ 39										<u></u>					7	:
38/ 37				i	1 1	1	1			i				1		37 26
36/ 35 34/ 33			 	- 	 - 										!	70
				i		- 1	1			- 1		1 1	1	}		7
32/ 31		: _ 			 -							<u> </u>				
26/ 25				ļ		- 1	ļ							ļ		-
TOTAL	9 8-410-4	13.920.215.8	1 3 1 7	6 4-7	2.3	- 3		1.1	•5	•2				376		570
				701	1 60-3	•]	- '	4 7 4	"	•-			876	3.3	876	
	 		 	+								 			0	
					,	İ	1									
Element (X)	Σχ'	ZX	X	Px	No. Obs	, 				Mean No	o of H	outs with	Temperati	,r e		
Rei. Hum.	3397261		60.116.		8	76	± 0 F		32 F	≥ 67 F		73 F	≥ 80 F	4 03 F	.] -	Total
Dry Bulb	3556731		63.1 8.		8			\top		31.		12.5	3.1		_	90
Wet Bulb																
# wel 0010	2638739	47823	54.6 5.	653	87	76		- 1	1		4	İ		1	1	90

AC FORM 0.26-5 (OL.A) HYSED MEYOUS E

3

USAFETAC FORM 0.26-5 (OLA)

DATA PRICESSING BRANCH USAF ETAC AIR *EATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34055 HAHN AP/HENSPECK GERHAMY 1500-1700 HOURS ... S. T.

Te-p					E DEPRESSION					TOTAL		TOTAL	
F	0 1.2 3.4	5 - 6 7 - 8 9 - 1	0 11 - 12	13 - 14 15 - 16	6 17 - 18 19 - 2	0 21 - 22 23	- 24 25 - 26	27 - 28 29 -	30 ≥ 31	D.B. ₩.B. D	** 80'b W	e. Br 2 D	ew Paint
88/ 87						-		• 1		1	1		
85/ 85						• 1	.5 .4			3_	8		
84/83						. 7	. 4			10	10		
82/ 81					. 5	• 4.		-		7			
80/ 79		•	1	•	1 .2 .	•4.				7	7		
18/ 17				<u>, 2</u>	5 1.1: .2 1 .4 .	2				17	17		
75/ 75	• 1	•	4 .2	.9 1.	.4 .	1				27	27		
74/ 73		• 2 •	6 1.2			<u></u>				35	35		
72/ 71		• •	£ 1.0							42	42	1	
70/ 69		.1 1.2 1.								5 6	50	1_	1
68/ 67		.8 1.1 1.		٥. ٠٥	3 .2 .					06	60	5	
65/ 65		.7 .8 1.		.7 .4	· .1			<u>.</u>		45	46	3	1
64/ 63	•1 1•2	1.1 1.5 2.		, ò						67	67	29	2
62/61		1.4 1.9 2.		. 4						80	80	69_	3
60/ 59	1 1.9			• 5·				_		39	89.	95	16
58/ 57		1.6 2.2 1.		<u>.l</u>						34	84	100	37
56/ 55	.5 .3 1.4		5							57 د	57	112	5 G
54/ 53	.2 1.3 1.4	1.5 1.3	2.							51	51	98	78
52/ 51	.1 .5 2.2		1 .1							4)	41	98.	91
50/ 49	.0 .8 .7		1 .1		· · · · · · · · · · · · · · · · · · ·					29	29	87	103
48/ 47	.4 .8 .4			:	_	: :		-		21	51,	79.	97
46/ 45	.15 .1				·		 :			8 !	<u>8.</u>	40	109
44/ 43	- 1			-			: :		:	1	1	19	76
42/ 41	.5		_, :		·				_i	4	4	9:	74
40/ 39		•			:	: !		-		- Montage		7,	39
38/ 37:					<u> </u>						·		38
36/ 35				1	. !	1	· i	i -	F**	-	-	- 1	20
34/ 33						<u> </u>						:	10
32/ 31		i -		1	. !	1		1	į.	Į į	!		3
30/ 29		! '		<u> </u>						:		<u>i</u>	3
28/ 27		5	: :	i	-		1 ;		ì		ì	i	1
26/ 25		 				JL	اـــــــــــــــــــــــــــــــــــــ				•		2
TOTAL	2.2 7.6:3.6	14.915.715	8 11.8	7.5 4.	1 2.8 .	9 1.4	.8 .4	• 1	: :		854	i	854
_	حطب إحد				1			<u> </u>		854		854	
Elemen* (X)	Σχ'	ZX	¥	<u>**</u>	No. Obs.		, ,			Temperatu			
Rel. Hum.	3385370			17.300	854	=0F	2 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≠ 93 F	1 1	oral
Dry Bulb	3394716			8.655	854			29.1	11.8	3.0	 	_	90
Wer Bulb	2519017			5.549	854	-	 	- 4			<u> </u>		90
Pew Point	1955163	40503	47.4	6,333	854	<u> </u>	.9	• <u>1</u> i			L		90

DATA PRUCLSSING RRANCH
USAF ETAC
AIR REATHER SERVICE/MAC

34055 HAHN AR/HUNSPUCK GERMANY
STATION STATION NAME

PSYCHROMETRIC SUMMARY

Temp					WET	BULB 1	EMPER	ATURE	DEPRE	SSION (F)					TOTAL		TOTAL	
(F)	0 , 1 - 2	3 - 4	5 - 6	7 - 8								23 - 24	25 - 26	27 - 28 29 -	30 - 3:				Dew I
6/ 85											•1	.2,				3	3		
4/ 83										• 1,	• Ž	;				3.	3		
2/ 81											. 4	• 1				4	4		
0/ 79								.1.	l,	4		•				5	5.		
18/ 77						• 1	<u>. ī</u> .	1			- 1					â	ó		
6/ 75						. 2	. 4.	_,4	5	١.						11	11.		
14/ 73					• 2	.5	. 4	.4			- :					12	12		
72/ 71					. 4	. 2	1.0	.2	1		,					16.	16.		
10/ 69				1.0	- 4	1.1	. 5	.1	-		- 1					30.	301		
8/ 67		• 2	. 5	1.1		1.2		.4	2	1	į					48,	48		
5/ 65		• 7	.9	1.6	1.9	1.1	. 2	.1								54	54.	3	
4/ 63		1.9	1.4	1.5	1.5	1.2			. 1	!	:					54	54,	8.	
10 /5	.6	1.6.	1.9	1.5	1.5	.2	. 2									51	61	36;	
0/ 59	1 - 1:	2 . 2.	1.4	1.7.	• 5	6	1									62	62;	77	
38/ 57	1.9	2 . 3	3.1	2.0	1.0	. 6										88	88	94	
6/ 55	.2 2.7	2.5	2.8	1.9	• 9	1			,							901	90	92	
4/ 53	.7 1.2	3.3	1.7	1.5	• 7	1					- 1					75;	75,	95	
52/ 51	.2 2.2	2.3	1.7.	• 9							į					60;	60	102	
50/ 49	.9 2.3	2.3	1.7	•7	•1	,						I			÷	56	66	98	
174 /8	.2 1.0	1.4	0	. 4	• 1	4.			,		1	;				<u>:0</u> د	30	_86	
6/ 45	. 5	. 4	• 2-	•1					:						;	10	10	55	i
44/ 43	1 .2	1			_				į					<u> </u>		4	4	35	
42/ 41	, 4		•1			:					normal.	-				4	4	14	
0/ 39	.1 .1	,				•			l	!	1					_ 2	2	_11	
38/ 37	1									i				,					
36/ 35				=					1							<u> </u>		1	
34/ 33		:												- !-	:		i	i	
32/ 31		:	:			1											l	1	
30/ 29		•				1			1									i	
28/ 27		!				Į.			<u> </u>								l		
26/ 25		:				i			1						i i		1		
JTAL	2.614.3	21.4	18.0	15.8	11.1	7.4	4.0	2.0	1.4	1.0	•7	.4					810	i	ĺ,
T			Ī	Ī]				1	810	1	810	
						<u></u>		<u> </u>		<u> </u>					ــــــــــــــــــــــــــــــــــــــ	<u> </u>			
lement (X)	Σχ'			X		<u> </u>	**		No. OL						f Hours with				
el. Hum.		3716		542		67.0				10	± 0 F	+=	32 F	≥67 F	= 73 F	≥ 80 F	≥ 93 F	 -	otol
ry Bulb		3596		478		59.0				10				15.6	5.1	1.4			
fet Bulb	225 182	5246		425 381		52.5	5.4	28		10 10			1.3						

FORM 0.26-5 (OL A) HYSTO MIYKOUS TONIOMS OF 17415 FORM ART ONSO

USAFETAC FORM A 24 6

DATA PROCESSING RRANCH USÁF ETAC AIR MEATHER SERVICE/MAC

34055 HAHN AR/HUMSPUCK GERHANY

PSYCHROMETRIC SUMMARY

PAGE 1

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2100-200 ***** . s. *. WET BULG TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 30 2 31 D.B. W.B. Dry Bulb Wet Bulb Dew Point 78/ 77 75/ 75 74/ 73 72/ 71 ۰,٥ •2 10 70/ 69 10 • 2 68/ 67 18 18 . 0 60/ 65 . 5 . 5 17 • 2 + > • L, .9: 1.0 40 04/ 63 .9 1.6 40 .2 1.5 2.1 1.5 1.0 57 57 62/ ć1 • 1 1.2 2.8 2.8 1.9 1.2 35 85 60/ 59 33 57 3.1 3.7 1.9 1.4 19 58/ 57 84 84 55/ 55 54/ 53 3.6 2.3 3.8 .4, 1.7 4.7 2.6 1.0 89 37 103 91 91 74 92 91 .5 1.7 2.7 2.0 1.5 09 52/ 51 **a**5 . 2 80 33 83 50/ 49 .5 4.6 2.8 2.1. 121 48/ 47 .1 2.8 3.2 1.2 .1. **ó**1 78 .1 2.7 1.6 1.1 39. 45 121 45 46/ 45 89 44/ 43 1.2 1.1 29 57 42/ 41 • 1 12 43 40/ 39 38/ 37 45 29 35/ 35 34/ 33 32/ 31 23 Ó 30/ 29 1 28/ 27: 26/ 25 24/ 23: 2.724.027.922.610.4 6.0 2.5 2.2 1.0 .5 610 810 JATOT 810 810 No. Obs. Element (X) Mean No. of Hours with Temperature 4527654 810 Rel. Hum. 59344 73.314.911 10F ± 32 F ≥67 F ≥ 73 F ≥ 80 F ≥ 93 F Dry Bulb 44652 55.1 6.862 810 90 5.6 2075121 50.3 5.370 40767 810 90 Wet Bulb 90 46.1 6.211 Dew Point 1753919 37355 810

28-69,71-77

(O L A) 0.26.5

USAFETAC 1014 0.26-5 (OL A)

DATA PRICESSING RRANCH USAF ETAC AIR EATHER SERVICE/MAC

HAHN AS HUNSRUCK GERMANY

																PAGE	i.	At	
Temp					WET	BULB T	EMPERA	TURE :	EPRES	SION 'F)					TOTAL		TOTAL	
F	0 1 - 2	3 - 4	5 - 6	7 - 8	9.10	1 - 12	3 - 14 1	5 - 15	7 - 18 1	9 - 20 2	21 - 22 2	3 - 24 25	- 26	27 - 28:29	- 30 + 31	D.B. ₩.8.	D-v Bulb	Wet Buis	Des Por
88/ 87													,	• -		1	1		
86/ 85											• 1	•2:	• 1	• •		. 27	27		
84/ 83										•0	•2		• 97			22	-35		
82/ 61						3		<u>.6</u>	<u>.1</u>	•0	• 2	<u>.0</u>				27	27		
80/ 79					• C	•0			.1	•1	• 🗷					22	22		
78/ 77					• Ū	.0,	<u>• į</u>	<u>•2</u>	• 4	·1						<u> </u>	65		
76/ 75		• 0	_		• 1		. 3	- 4								62	32		
74/ 73			0	<u>• 1</u>	• 2	+ 4:	. 5	- 4	-11	٠ŭ						121	121		
72/ 71				• 4	• 3	. 3	• ′	. 2	•0		=					148	145	1	
73/ 69		<u>•0</u>	1	• 9:		1.0	. 5:	.2	<u>• 0 </u>	- 01						227 325	325		
68/ 67		- 1	٠٥٠			1.0	. 4		• 1	•0	:					321	323°		
66/ 65		1.0	1.2		1 + 4	• 7:	• 3;	.1	.0					 -		372	370.	$\frac{33}{111}$	T
62/61				1.1	1.1	• 6: • 4:	.3:	• 1	• 0	1						507	507'		1
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58/ 57	.2 2.2				•7	.3	1.									555	555	670	_ 3°
55/ 55	.4 2.6				• 4	• 1;	• # :							 :-		553	653		41
54/ 53	.6 2.0				.4	-0										655	655	777	60
52/ 51	÷ 1.7									+						476	470		
50/ 49			1.3		.0	•0			i •			•	,			574	574	843	90
48/ 47					•0				1				Ī		- ;	361.	361	712	77
46/ 45	.1 2.0	.7			- - ,	ļ			!			1	1	:	•	1 245	245		54
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42/ 41.	. 1 .5					!	i		1		:	3	:	-	į	96	96	192	
40/ 39					:	Ī	 ;		Ī					i	S. Carrier	30.	30	137	32
38/ 37	.0 .0					1	į	:	1	- 1	:		1	1	ļ	5	5	56	27
35/ 35			i				-			T		- 1				T		13	22
34/ 33		:		i										i		_		4	12.
32/ 31:				!		i	1												5
30/ 29				i	i			i	Ĺ	1						!	1		3.
28/ 27		-				Ī		1	1	Ī	ĺ	1			1				1.
26/ 25		:		i	<u>i</u>														
24/ 23		:		ŀ	i	1	1	İ	Ì	i	į	1		1					
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Element (X)	ΣX,			Z X		X	₹ x		No. Obs							th Temperar			
Rel. Hum.			ļ		 -			 -			= 0 F	= 32	F	≥ 67 F	≥ 73 F	→ 80 F	* 93 F		Toral
Dry Bulb					<u> </u>			Д—		-			!		<u> </u>	 	-		
Wet Bulb	l	l	1		1	1		•		i		:	1		ě.	1	Ī	ļ	
Dew Point															1				

UATA PROCESSING PRANCH USAF ETAC PSYCHROMETRIC SUMMARY AIR WEATHER SERVICE/MAC HAHM AR/HUNSPUCK GERMANY <u>_9-77</u> ALL 40JP5 . 5. WET BULB TEMPERATURE DEPRESSION (F) TETAL c789 6758 ŝ Σχ² Ele-ent (X) 59.716.775 No. Obs. Mean No. of Hours with Temperature 34878219 473063 6788 # 32 F + 67 F + 73 F + 80 F + 93 F 57.7 8.458 51.6 5.918 Dry Bulb 23072556 391562 6788 113.2 36.9 9.1 726 18447985 351584 6738 720 Wet Bulb 15240426 318684 46.9 6.439 6768 720

DATA PROCESSING PRANCH USAF ETAC AIR -EATHER SERVICE/MAC

HAHN ANTHONSPUCK GERTANY

De- P	0:01		219	055		4253			5.6		8	36		工			工					
Wet S.	,:E			5556		4512			5.0			36		1			11		 	 		
Dry Bu				5494		4842			6.1			36	- 7.	+			9	• 5		+-"	` 	
Rel. M.				5935		6570	111		13.5			30	= 0 F	Τ.	32 F			• 73 F	- 80 F	1 . 93	F I	Tatal
Ele-e-		<u>:</u>	x' !			Z x		¥	•,		No. 01	<u>. </u>			<u> </u>	<u> </u>	4	<u> </u>	A Tempers		<u> </u>	ŧ
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36/												 -	•						· -			_
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40/							 -														2	-
44/			• 4																7	2	15	
46/				<u>, 2, </u>															16	<u>l </u>	<u> 43</u>	
46/		• 4	1.9	• 7								-							25	25	36	
50/		4_	4,5	2.2	2	<u>.i</u>													57	62		
52/	51			3.0															00	59	95	
54/				3.0															92	92		
36/		• 7	3.7	5.3	7.0		_=					` -							100	100	<u>د د د .</u>	_
58/				3.9			• 1					-							95	95	110	
62/				3.0			• i	<u>•1</u>											78 87	75	- <u>>9</u> 72	
64/				2.9			٠i		.1										05	55	_	
66/				3.3			<u>.5</u>		.2										05	55		
69/	67		• 2	. 5	1.1	2.2	• •	<u>د.</u> 5.	÷.	• 1									51	51	1	•
707				• 2		• 5	• i	٠.5	. 4	. ì		. 1							17	17		
72/							.4	• i	. 2	<u>;</u>									7	7		_
74/										_ 1									ź	Ž		
75/										<u> </u>	. 4				.3 .0	** **				3	- 5013	
e		<u> </u>									CEPE!							 -	70TAL 0.8. ¥ 8		TOTAL	
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	14				2	** >* ***	~1									44 5						-

DATA PROCESSING BRANCH USAF ETAC AIR FEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

11

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903

93

903

903

903

Mean No. of Hours with Temperature

≥ 67 F ≥ 73 F ≥ 80 F ≥ 93 F

HAHR AR/HUSPUCK GENHANY MONTH PAGE 1 5300~0590 HO /RS .L S. 1.1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 2 31 D.B. W.B. Dry Bulb Wet Bulb Dew Point (F) 6 72/ 71 . د . • 1 70/ 69 •1. •1. 16. 68/ 67 • 2: . 4 31 31 66/ 65 • 6 .0 1.2 2.2 1.0 , 9 . 2: 03 5 04/ 63 • Ž: 17 ō9 89 15 62/ 61 3.1 • 3: 60/ 59 .6 5.4 2.8 125 125 46 +21 . 0 100 58/ 57 100 64 56/ 55 111 111 126. 68 4 . ** 54/ 53 5.6 4.0 114 114 119 95 1.0 3.4 2.3 1.2 " 1 3.7 52/ 51 68 68. 121. 94 94 151 50/ 49 1 3.7 111 94 48/ 47 40 103 40 • 4 90 46/ 45 30' 99 و 10 72 44/ 43 • 8 10 16; 42/ 41 40/ 39.

No. Obs.

903

903

903

± 0 F

≤ 32 F

.9 1.2

82.212.-36

56.1 5.042

53.0 4.870

ã

38/ 37 36/ 35: 32/ 31

Element (1)

Rel. Hum.

Dry Bulb

Wet Bulb Dew Point

TOTAL

7.541.129.513.2 4.7 1.7

1358

2.74535

. 258767

2325234

74198

50693

47867

DATA PROCESSING RRANCH USAF ETAC AIR "LATHER SERVICE/MAC 34055 HAHN AR/HUMSRUCK GERMANY

PSYCHROMETRIC SUMMARY

902

902

0600-0200 HOURS (L. S. T.) PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL 5 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 - 31 D.B. W.B. Dry Bulb Wet Bulb Cew Point (F) 1 . 2 3 - 4 2 80/ 79 78/ 77 . 3 76/ 75 . 2 8 8 • 1 - 1 . 1 10 10 74/ 73 72/ 71 70/ 69 رۇ . • Ó: . 2 . 2 24 . 6 . 2 30 30 . 2 68/ 67 .2 1.1 1.8 2.2 03 **ύ**3 <u>د .</u> 66/ 65 2.5 2.2 1.4 71 . 6 .6 3.3 3.4 1.9 88 14 88 31 04/ 63 . 1 . 4 93 62/ 61 3.0 2.3 93 78 81 115 44 .6 3.8 1.9 1.9 81 60/ 59 1 72 103 133 58/ 57 3.9 1.0 103 5.1 56/ 55 .2 5.5 3.0 1.8 97 97 114 114 • Z 88 88 130 .8 3.7 3.4 1.7 54/ 53 133 52/ 51 1.0 2.9 2.3 62 62 88 134 50/ 49 .1 4.2 125 54 88 81 19 48/ 47 .2 1.2 66 79 45/ 45 21 36 44/ 43 42/ 41 14 40/ 39 38/ 37 902 902 TUTAL 4.328.829.2118.510.5 4.0 1.4 i.1 1.2

8-77

Element (X) Mean No. of Hours with Temperature 77.613.680 ≥ 67 F | ≥ 73 F | ≥ 80 F Rel. Hum. 5599136 69988 902 ± 0 F ± 32 F ≥ 93 F Dry Bulb 3235636 53700 59.5 6.549 902 14.6 49866 902 Wet Bulb 2778846 55.3 4.948 93 43 Dew Point 2470431 46963

NEW 0.26-5 (OL A) REVISED MEYNOUS EDITIONS OF THIS FORM ARE CIRCULES

DATA PROCESSING RRANCH
USAF ETAC
AIR REATHER SERVICE/MAC

34055 HAHM AB/HUNSPUCK GERMANY

STATION NAME

Temp
(F) 0 1-2 3-4 5-6 7-8 9-10 11

66/ 85

PSYCHROMETRIC SUMMARY

PAGE 1 U900-1100

Temp				·		WET	BULB T	EMPER	ATURE	DEPRE	SSION (F)						TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8							<u> </u>	23 - 24	25 - 26	27 - 28	29 - 30) × 31	D.B. W.B.	Dry Bulb		Dew Poir
86/ 85												• 1					1	6	6		
84/ 83		-		!			,	. 1			1		. 4	•					6	,	
82/ 81			·			•1	.1	.2	.1	.3			•1		:i			9;	9	•	
80/ 79						• 1	4				,	- 1	. 1) ! :			19:	19		
78/ 77	<u> </u>	1	·		• 2	• 3	1.4	. 2 . 6	. 2 . 8	.5		•1						33	33		
76/ 75	<u>.</u>			. 2			. 8	. 8	.7	2		5						45	45		
74/ 73	i			.4	1.4	1.1	1.0	-4	.7								†	33	33		
72/ 71				2:	. 9	2.0:	1.1	. 3	. 1						i j		•	. 42	42	2	
70/ 69	i	,	+ 4				1.2	.3									Ī	71	71	9	
68/ 07			• 0	2.1	3.0	3.2	•6	• 2 • 1;										39	89		3
66/ 65		• 2		1.0	2.8	1.7	.7:	• 1					- :				<u> </u>	04	64	44	9
64/ 63	. 1		1.8	2.5	2.3	.8•	.2	·	~					!			<u>:</u>	73	73	58	27
62/ 01	1		, 1														[37	-37	_	33
60/ 59				3.0	1.9	• 8	• 1										<u> </u>	102	162	118	66
58/ 57	• 2					• 3.		į		:	:							74	74		81
56/ 55	2	1.2	1.9	2.4			:	:									<u> </u>	59	59	110	102
54/ 53	• 1		2.0							ī	!			į	. [ı	44	44		120
52/ 51	•7																 	26	26	<u> </u>	124
50/ 49	• 1	1	• 1	• 1			i			:	!						İ	19	19	• •	107
48/ 47	•1		-							;	:			<u> </u>			 	1		30	80 78
44/ 43		• 1						ŧ										1	4	. 5	36
$\frac{77}{42}$	<u> </u>	 		-						 	ii			<u> </u>	 		 	 		 !	23
40/ 39								!												1	12
TUTAL	1 - 6	10.5	15.7	20.5	20.5	14.5	7.9	1.2	2.0	1.3	.7	• 3	1.0	•1	1		╁	 	903		903
CINC	1.00	1000			2.0 • -		1	2001	c. • v	1 1.00	• '	• 5	1.0	••				903	,,,	903.	902
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	<u> </u>									<u> </u>				L				<u> </u>		<u> </u>	
Element (X)		Σχ²			Σχ		X	₹ x		No. OL	s				Mean N	o. of t	fours with	Temperati	re		
Rel. Hum.			6436		605	06	67.0	14.9	72		03	± 0 (F :	32 F	≥ 67		* 73 F	≥ 80 F	≥ 93	F 1	o•al
Dry Bulb			4768	+	580		64.3				03				36.	4	15.6	3.5			93
Wet Bulb			3658		517		57.3				03				4.			ļ			93
Dew Point		250	6758		473	08	52.4	5.6	01	9	03					3			L		93

DATA PROCESSING RRANCH USAF ETAC AIR LEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

3405 HAHR AF/HU SPUCK GERMANY 8-77

STATION NAME

PAGE 1 1200-1400
HOURS LLS.T

Te-p							WET	BULB T	EMPER	ATURE	DEPRE	SSION (١,					TOTAL '		TOTAL	
(F)		0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28 29	. 3C ± 31	D.B. W.B. D	ry Bulb	Wer Bulb	Dew Por
90/	89														• 1			1	1		
88/	87												• l		• 4	• .5		, ĉ	ð.		
85/	85								. 1	• 2	.1	• 4	•1	• 3	+2	• <u>• •</u> •	. 1	17	17		
84/	83									. 9	. 8.	. 4	• 3		• 3			. 25,	20	i	
62/	81	-				1	• 1	, 4	. 4	1.0	. 3	. 4						28,	26		
80/	79.				١.		• 2.	. 9				. 2						26	26		
78/	77					• 5.	1.3		. 8	• 7	• 9							38,	38		
76/	75					. 7	• 0	2.2.	. 5		. 3							49	49		
74/	73				. 1	• 3	1.7	2.2	2.0	. 9								051	ÓΣ		
72/	71	_			. 6	. 4		2.5	. 9	. 3	i							57	57	2	
70/	69		. 1	. 2	. 4	2.9	2.2	1.7	.0									74	74	14	
68/			. 1	3		3.2			. 4		, 1	,	'					, 81,	81,	42	
66/			• 3			2,3			. 1		,							77	77	64	1
64/	63		. 2	. 1.4		2.3			. 2		i	,						, 85	96	89	2:
62/	61		1.0				1.1											67,	67	128	3;
60/	59		. 6	1.3	2.0	1.3	• 6	.3										55	55	132	4
58/	57	• 1	7	1.6	1.7	1.3	• 1	,			!							49	49	115	3
56/	55.	1	1.7	1.7	1.1	. 3					•							44	44	104	. 3 .
54/	53		1.1	1.9	1.0	. 1		, 1			, ,		į			:		29	29	80	130
52/	51	1	7					. !				i				•		11	11	74	12:
50/	49		• 2	• 2		i					,					\$		4	4	40	13
48/	47		1	·i			_	į			!							1	1	17	7.
46/	45			:									i				i	T		2	5
44/	43			<u> </u>													_!				3
42/	41			-						1			ı								1
40/	391		·	1								. 1	į	:		:	•				1
38/	37;		ı]					·											
36/	35		۱ <u>ا</u>	<u> </u>	1	}}]		1		:	_ }					
UTAL		. 3	6.8	10.0	13.5	17.2	17.9	14.8	6.9	5.4	2.9	1.6	•6	. 3	1.1	•7	•1		903		90
	_ į		Ì	1	1					•			1	1		į	Ì	903		903	
	i			1											1			7 1		1	i
			1										1	_	-	l	l				
			Ī	Π												1		1 1			
			<u> </u>	<u> </u>		<u></u>				<u></u>						i_		<u> </u>		<u> </u>	L
Element			Σχ'		 	z _X		X	* <u>*</u>		No. Ob	 -						th Temperatu	,		
Rei. Hu				8699		542		60.1				03	± 0 F	4	32 F	≥ 67 F	= 73 F	→ 80 F	= 93 [<u> </u>	Total
Dry Bul				11914		611		67.7				03		-		49.4	+	9.0	<u></u>		9
Wet Bul				0115		528		58.6				ا_ ق0				5.0		<u> </u>	<u> </u>		9
Dew Po	int		250	2817	<u> </u>	472	63	-2.3	5.6	77	9	<u>03 </u>				. 2					9

3.26-5 (OLA) REVISED PRIVIDUS EDITIONS OF THIS FORM ARE

AFETAC FORM 0.26-5

DATA PROCESSING PRANCH USAF ETAC AIR MEATHER SERVICE/MAC

HAHN AS / HUMSPUCK GERMANY

																		PAGE	i	1500-	
Temp.						WET	BULB 1	TEMPERA	ATURE	DEPRE	SSION (F)						TOTAL		TOTAL	
·F,	0	1 - 2	3 - 4	5 - 6	7 - 8								23 - 24	25 26	27 - 28	29 - 30	≥ 31	D.S. W.B. D	ry Bulb		Dew f
90/ 89														• 2	•1	.1		4!	4		
88/ 87											٠	ĺ	.1		اد.			5,	5		
86/ 85								;		3	• 2			• 2	• 1	•1		9	9		
84/ 33							• 1		•1,	. 5		• 3	.1	٠2		. 2		17	17		
32/ 51							• 3	1	.9	. 6		• 1	• 1	•1				24	24		
au/ 79						+1		1.1	1.5			<u> </u>				_ :		36	36		
78/ 77.					. 1	• 9			1.4				T					46	46		
76/ 75					3	1.1	1.7	2.0	1.2	. 3	.1	i	!					61	61		
74/ 73.				. 3	. 9	1.6	1.1	1.2	1.0	. 6	•1	1						63	63		
72/ 71				- 1			1.0	7							!			43	43	1	
79/ 69			• l		• 9		,	. 5					,		i			05	55	5	
68/ 67			• 3			2.7	1.4	. 3		!								75	75		
66/ 65			1.0						• 1.				1		1			76	76		
64/ 63							1.6	. 2	• 1									88	88		
62/ 61		• 9			2.0		. 7				,	i	-		:			74	74	121	
60/ 59		. 3			1.2		, .6											0 6	66	137	
58/ 57		1.4			1.0		:					į						46	46	123	
56/ 55		. 0		1.2		• 1	!				·							35	35	113	
54/ 53	• 2	1.2			,								i					30	30	76	-
52/ 51.		.0						<u> </u>			<u> </u>							7	7		
50/ 49:	. 1	. 3	• €	:	!								ļ	ļ				9	9	47	1
48/ 47		.1	1					<u> </u>			· 								2	15	
46/ 45			t ·				į						l	į		į				4	
44/ 43							İ														
42/ 41		!			1		•	! <u> </u>					ĺ								
40/ 39		L	i																		
38/ 37			 -		1		Í	İİ					i								
36/ 35			i				<u> </u>	<u> </u>													
34/ 33			!	; •				(
32/ 31							<u> </u>														
OTAL	. 3	6.5	10.8	12.4	15.2	19.0	14.5	7.3	5.9	3.5	1.8	•6	.3	• 8	.7	• 5		I	981		8
			<u> </u>		<u> </u>		<u> </u>	 									<u> </u>	881		881	
Element (X)		Σχ²	1		z x	\vdash \vdash	└ x	₹	7	No. Ob	s. T				Meon N	o. of He	ours with	Temperatu			<u> </u>
Rel. Hum.		332	7440		522	84	59.3	15.97	75	8	81	± 0 €	= 4	32 F	≥ 67		73 F	≥ 80 F	≥ 93 1	f .	Total
Dry Bulb			6715		593			8.40			81		$\neg \vdash \neg$		47.		28.0			\neg	

DATA PRICESSI: G PRANCH USAF ETAC AIR MEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

HAHN AR / HUNSRUCK GERMANY 1800-2000 HOURS L. S. T.) PAGE 1

																			HOURS	3,
Temp (F) —	0				-		BULB T										TOTAL DELWB		TOTAL	0 0
88/ 87	- 0	1 + 2	3 - 4	- > - 0	7 - 8	9 - 10	11 - 12	3 - 14	15 - '6	17 - 19	19 - 20	21 - 22	23 - 24		27 - 28 29	- 30, + 3		1 1	Wet Duto	Dew Poil
86/85							- 1					•	•	• 1	1.		4	1 4		
84/ 83									• 2			• 2	• i	• <u>2</u>	<u>• ! : </u>			4.		
82/ 81					1	,			. 2			. 7		. 1			10			
82/ 91 83/ 79			•			•1.	.5	. 2:		• 1	.2		2	_ • 1				1		
78/ 77		'			. 2	• •	•1.	.7	. 4:	• 1,	.4		.1				18			
75/ 75				•	2	1 - 13	1.0	• 0		- <u>: t</u> .	• 4	• i	_ • •				30	:		
74/ 73				.7			1.4	. 6		. 2		* *,					43			
72/ 71:				.4				.7		_ 		, -					47			
70/ 69			• 2	-	3.0	:	1.1.	4		İ		•				1	52	52	5	
68/ 67		• 1	.7		2.9			. 1	1								71	71	16	2
66/ 65					2.3		,		;	9							85	85,	32	9
64/ 63	-	.6		3.3				.1									87		59	
62/ 61		1.1	2.2	2.9	1.4	• 6	. 2									<u>i</u>	70		98	
60/ 59	• 2			3.1		1.1	. 4		1		-				,	1	96		120	
58/ 57					1.1	• 5						-				-	1 62		124	76
56/ 55				1.6		3	i		!			•			:	1	>1		116	
54/ 53				1.2													46			- 102
52/ 51:		1.6	,	1 .1				:	i			i			!		23	1	68	
50/ 49		1.0		11	-		!		i	;							14		50	
48/ 47	• 1		•	•					į					1		i	! 7	7	28	7.
46/ 451			<u> </u>		-		!		<u> </u>			:					1	1	8	
44/ 43		•	:				I			:		!		i	:	i	İ	j 1		39
42/ 41:				-								-			·		 -			1
40/ 39 38/ 37							İ					: :				į	ļ			
36/ 35		!	 	-								├	<u> </u>		-					
DTAL	1.0	112.8	3 7 - 6	20.7	16.7	13.5	8.2	3.5	2.4	. 7	-6	1.3	• 5	• 5	. 1	1	•	837		83
OTAL I	***	11200	7111	1	1001			200	2.0	-•-		1	• • •	• • •			837		837	<u> </u>
İ			1	1												i	-2.		-5,	
		 	1						- - 						-	~	 -	1		
1												1								
		1		1					 1			Γ			:	-+				
				L								<u> </u>			<u> </u>					
Element (X)		Σχ²			Σχ		X	₹ x		No. Ob					Mean No	of Hours	vith Tempero	ture		
Rel. Hum.			51062		560		66.9				37	± 0	F s	32 F	≥ 67 F					Total
Dry Bulb			78916		535		64.0				37				32.		9 2.	3		9.
Wer Bulb			3760		476		57.0				37				2.	_				9.
Dew Point		228	B3273	H	434	65	51.9	5,5	94	8	37					2				9

DATA PROCESSING RRANCH USAF ETAC ATR FEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34055 HAHN AF/HUNSPUCK GERMANY 28-59,71-77 2100-2300 -0085 U.S. T. PASE 1

Temp.				EMPERATUR				,		TOTAL		TOTAL	
(F)	0 1-2 3-4	5-6 7-8	9 - 10 11 - 12				3 - 24 25 - 26	27 - 28 29 -	30 + 31	D.B. ₩.B.	Drv Bu's	fer Buis C	≻ew Po∙r
78/ 77				• 1		• 1		ŀ	•	4	4	•	
75/ 75			•1		.4	•2		ـــر ـــ ـــ ـــر ـــ			6		
74/ 73		• 1	.5 .2	•		•2, •1	1			13	13		
72/ 71		<u> • 1</u> • 1		.t .:		<u>. l</u>	:			<u> 21.</u>	21		
70/ 69	•1 •4		1.34	• 4	5	.1				42	-	_	,
68/ 67.		1.6.2.3			1			 i -		jĈ.	50		<u>i</u>
66/ 65,	_	1.0 1.7				į	i	!		62	62	3	2
04/ 03		2.5 2.4								77.	77	34	12
62/61		2.7 1.7	• 4	_	I			•	•	57	87	66	18
00/ 59	•i 4•2 3•9		• 2							122	122.	95	42
58/ 57	3.3.3.8		• 5					1		39	69	122	55
56/ 55	3.0 4.2	2.5 1.1							 :	91	91	119	109
54/ 53	.5 1.3 2.5	*						i.	;	63	63	119	95
52/ 51	.4 3.0 1.7									54	54	91	83
50/ 49	1.1, 2.0, 1.2					,	1		; ;	39	39	95.	153
48/ 47	.1 .7 .>	<u> </u>						<u> </u>	+	11	11:	52	90
46/ 45	• 6 ;	I				: (,			5.	5	30	67
44/ 43	<u>•1</u>							<u> </u>		1.	<u> </u>	3	3 5
42/ 41		į į					:			1	•		37
40/ 39				_	<u>.</u>			1	i				17
38/ 37	, !		ŧ .	-		i l	ļ		[=		4
34/ 33					<u></u>			<u> </u>	· ·				- 3
OTAL	2.421.727.5	20.714.6	8.2 1.7	.0:	8. 8	.8 .1	1	1 1	! !		837:		637
					- <u>i</u> -			<u> </u>		837		<u> 237:</u>	
	1		=	:	i			! !		ĺ	:		
				:	<u> </u>		<u>l_</u>	<u> </u>					
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		<u> </u>			_!i_							;	
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1			1	1						i	1	1	
		<u> </u>								i			
_ [İ			i	I		
								<u> </u>	i	1	i	i	
Element (X)	Σχ'	ZX	X	₹	No. Obs.			Mean No. of					
Rel. Hum.	4793430		74.3	14.346	837		± 32 F	2 67 F	≥ 73 F	≥ 80 F	≠ 93 F	- 	93 93
Dry Bulb	3033715			6,360	837		 	15.1	2.6		 		
Wet Bulb	2542340			4.807	837			•2			 		93
Dew Point	221293	4279	1 27.7	5.499	837			1 .1					93

USAFETAC

DATA PROCESSING FRANCH
USAF EIAC
AIR _EATHER SERVICE/MAC

34035 HAHN AR/HUMSRUCK GERMANY
STATION MAME

PSYCHROMETRIC SUMMARY

Temp				WET	BULB T	ÉMPER	ATURE	DEPRE	SSION - F	:,						TOTAL		TOTAL	
``F	3 1.2 3	- 4 5 - 6	7 - 8								23 - 24	25 - 26	27 - 28 29	- 3C	* 3:	_	74 Bu 5		Dew Pa
Ju/ 69												•€	• *-	٠ū		5	5		
18/ 37										• 3	• 0	• i	• 1			14	14		
35/ 65							.0	.1	.1	• 3	.1	•1	<u>, i</u>	• 0		35	36		
84/ 83					• 0	.0	. Ž	• 4	.1	• 1	. 1	• i		.0		ĵ3	53		
22/ 81				• 0		.1	.3	• 2	• ì	• 1	-, ৩	• ô				71	71		
80/ 79				• 1	.3	. 3	ڌ .	. 3	. 1	• C	•0					7.3	98		
78/ 77			• 1	• 3	. 5	, 4	.4	.2	-1	•0	•0					144	144		
76/ 75			ڏه ت	دَ ٠	.7	. 6	. 4	٠ż	. 1	• 3						202	202		
74/ 73			2 .4	. 8	. 5	.5	3	. 2.	•0	• 0				_		229	229		
72/ 71				-	1.0	. 5	.1	.0	0	•						257	257	5	
79/ 69	•0	. 3 .	5 1.0	1.3	.9	. 3	.1	;	•0							350	350	33	
08/ 67	. 1	.7 1.	1 2.4	1.7	. 7	٤.	- 1	• 0								496	496	130	
66/ 65	.1 .3	.ć 1.	5 1.8	1.7	. 4	.1	0.									531	531	249	5
64/ 63		. 2 2.	5 1.9	-	. 4	. 1	.0									627	627	377	<u>:</u> 2
62/ 61	.2 1.4	2. 2.	3 1.0	.7	•—											645	545	710	21
60/ 59	.2 2.8			_		• -										734	734	547	- 7ز
58/ 57		9 i.		• 3												618	618	979	
56/ 55	.1 2.9	-	_	• 0												588	588	925	o ()
54/ 53	.5 2.7								-							506	506	823	71
52/ 51	_		6 .0													320	320	722	86
50/ 49			2 .0													295	295	281	109
48/ 47	.1.1.1	.3														106	106	397	გე
46/ 45	.25	•1	-													57	57	172	26
44/ 43	.a .l	.0.														13	13	38	35
42/ 41	.0				•											1	1	12	50
40/ 39	• •								,							•	_		11
38/ 37																			4
36/ 35								: •	:	1			:						
34/ 33			-:		 -		 -			 +									
32/ 31			1		•		5	: !	. 1	i		:	ı	;	1	:	-	j	
GTAL	2.719.92	1.5.17.	1.13.6	10.1	5.4	3.Z	2.3	1.4	.7	4	.3	. 31	• 2	.1			7002		700
-								••	• •				•	!	i	7002	:	7002	
					! 		 -	 	$\neg \neg$	- :				+					
	-	_		l I						i		i	i	Ī	i	1		Ì	İ
Element (X)	Σx'		Σχ	i	X	₩,	' -	No. Ob	.				Mean No.	of Ho	urs with	Temperatu	re		
Rel. Hum.	36959		4951		70.7			70		± 0 F		32 F	≥ 67 F		73 F	≥ 80 F	≥ 93 F		Total
Dry Bulb	27521		4351		62.1			70					208.4		0.5	23.0			74
Wet Bulb	22130	222	3923		56.0			70					17.5)					74
Daw Point	18873	499	3614	ηSi	51.6	5.6	05	70	02			• 2	1.6	1			1	- :	79

34M 0.26-5 (OL, A) HYSSE MENESUS ERWONS OF THIS FORM ARE CRESCULLED.

AFETAC 108M 0.34 5 10

DATA PRUCESSING ARANCA
USAF ETAC
AIR FEATHER SERVICE/MAC

BAUDS

HAHN AR/HUNSPUCK GERMANY
STAT SK SAT SK SAME

Temp	0 1-2 3-4 5	-6 7-8 9-1			E DEPRESSION 6 17 - 18 19 - 20		- 24 25 - 26	27 - 28 29 -	3C ± 31	TOTAL D.B. W.B.	Dry 50.0	TOTAL
80/ 79				. 1						ī	1	
78/ 77					<u> </u>			·		2	2	
72/ 71	• 1		-1	. 1						3	3	
70/ 69	<u>• L</u>	<u>•1 •1 •</u>								<u>il.</u>	11	!
68/ 67	•1 •9	.9 1.4 1.		• 1	1					43	43	_
66/ 65	•1 1•4 1	.5 .5 .								40	40	7
64/ 63	.1 1.5 2.3 2		-	. 1	:					83	33	10
02/61	<u>.0 3.5 2.0 1</u>	<u>.6 2./ 1.</u>				,				109	179	<u> 35</u>
60/ 59	.5. 3.8 2.2 2		→ .l							110	110	95
58/ 57 56/ 55	.3 6.0 2.7 2	6 1.8			_ 					123	123	114
54/ 53	.0 5.3 4.9 1			•	ļ					27	127	125
52/ 51	.3 2.4 3.0	.3	<u>+</u>			!		·		$-\frac{2}{56}$	11.7 56	$-\frac{141}{147}$
50/ 49	.3 4.7 1.6	• •								. 64	54	111
48/ 47	1. 1.7 .4									21	21	
46/ 45	1 1.0			•						12	10	
44/ 43	1 1					·			 -	7	<u></u>	
42/ 41	** *-									1 .	_	
40/ 39						;				†		
38/ 37			:				-		i	, . ! :		
34/ 33	· · · · · · · · · · · · · · · · · · ·		,	i	i -				- 			
TUTAL	4.134.228.015	.111.7.5.	5, 1.0	. 4	1:	<u> </u>	- :	<u>:</u>	<u> </u>		930	2
			1	į			:		_ [930	i	930
<u> </u>		- :				<u>!i</u>		<u> </u>				<u> </u>
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Element (X)	Σχ²	ž _X	· 🖁	* <u>*</u>	No. Obs.			Mean No. o	f Hours wit	h Temperat	ure .	
Rel. Hum.	5927661	73249	78.8	13.058	930	±0F	± 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 f	F
Dry Sulb	3122314	53654		5.379	930			6.0	. 3			
Wer Bulb	2715920	50076	53.8	4.590	930		i	•1		1	1	$\overline{}$

DATA PROCESSING RRANCH USAF ETAC AIR REATHER SEPVICE/MAC 34355 HAHN AR/HUMSRU

PSYCHROMETRIC SUMMARY

34355 HAMN ARTHUNSRUCK GERMANT 9-77 TEARS

PAGE 1 3300-0500

HOURS LIST

Temp		₩!	ET BULB T	EMPERATUR	RE DEPRESSION	(F)				TOTAL		TOTAL	,
₽.	0 1.2 3.4 5.6	8 9 -	10 11 - 12	13 - 14 15 -	16 17 - 18 19 - 20	21 - 22 23	- 24 25 - 26	27 28,29	30 / 31	o.a ≠.8. t	., B., 6	fer Buis C	Je- Point
72/ 71			. 2							2	2		
70/ 69	. •	i ei e	. 1	_						3	3		
08/ 07	.3 .	4 .3 .	. 2							12	12		
04/ 45	.l .ś .	4 .5	.2 .1		_					19	19	1	
04/ 63	.5 1.9 1.	5 .6 .	. 2							45	45	11	4
02/ 61	.2 2.5 3.5 1.		0 1							87	87,	Ιò	9
30/ 59	1.5 6.8 1.5 2.	3 2.7 .	1 .1							139	139	79	46
58/ 57	.4 5.5 4.1 2.	4 1.5	• 1					_		130	130	123.	58
55/ 55	1.0 5.2 4.0 1.	9 1.1	1		<u> </u>	•				13!	131	50	103
54/ 53	.6 6.3 4.2	ε .1 .	• i			!_				117	117.	137	94
52/ 51		8. •9			j					75	78	155	88
50/ 49	1.1 5.5 2.4 .	1								84	54	138	149
48/ 47	.4 3.8 1.C									54.	54.	32	115
46/ 45	. 2 1.7 .3									22	22;	_ /1,	109
44/ 43	.2 .5									7	7.	24,	74
42/ 41										<u> </u>		· 1	47
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Rel. Hum.	6382119	76232		11.983	930	=0F	± 32 F	≥ 67 F		≥ 80 F	≥ 93 F	<u> </u>	otol
Dry Bulb	2921784	51912		5.092	930			1.7	ļ	<u> </u>	 	<u> </u>	93
Wet Bulb	2602828	49014		4.597	930					!	 	1	93
Dew Point	2365099	46639	50.1	5.308	930		1	_	1	İ	1	1	93

J., A) RIVINED PRIVACUS HATICHAS OF THIS POEM ARE CHESS

101M 0.26-5 (OL A)

USAFETAC FORM O

DATA PRICESSING FRANCH USAF ETAC PSYCHROMETRIC SUMMARY AIR WEATHER SERVICE/MAC 34055 HAHN AR / HUNSPUCK GERMANY <u> 3500-0±00</u> =c,=5 . 5. *. PAGE I WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL D.8. W.S. Der Buis 9-10 11-12 13-14 15-16 17-18 19-20 21 22 23-24 25-26 27-28 29-30 +31 76/ 75 74/ 73 • 2 72/ 71 14 20 70/ 09 20 .! 03/ 67 62 52 7 و 67 <u>1.</u>0 1.3 1.3 17 54/ 63 i.e ol 61 31 62/ 61 27 .3 3.5 2.0 2.2 105 .2 4.2 3.7 3.2 45 00/ 59 116 116 58/ 57 .1 6.2 3.3 2.6 122 .5 5.0 3.3 1.d 112 112 100 56/ 55 • l 108 .5 4.0 5.5 1.1 104 104 56 56 121 52/ 51 .4 2.4 2.0 Tō5 175 .0 4.8 1.0 61 102 50/ 49 51 48/ 47 .2 1.2 78 100 2 55 46/ 45 44/ 43 32 42/ 41 40/ 39 38/ 37 36/ 35 3.734.727.816.3 9.8 5.0 1.2 930 ţ 0.26-5 (OL A) No. Obs. ≥67 F | ≥73 F | ≥80 F | ≥93 F Rel. Hum. 73518 79.112.721 930 10F 596205C 930 93 58.6 5.813 Dry Bulb 10.5 3230132 54542 930 2812381 50955 54.8 4.702 51.8 5.114 930 93 48201 2522503

OATA PROCESSING PRANCH USAF ETAC AIR #EATHER SERVICE/MAC ARY ew P3.0 17 27 40 60 108 108 121 175 100 65 32 14 4 3 HOLM 0.26-5 (OL. A) USAFETAC

2x ² 4506774 3837944 3050683	593	66 63.	815.6 8 7.2	35	930 930 930	= 0.1	: # # 32		2 12.2	• 80 F	◆ 93 F	# 1 To 1 I I I I I I I I I I I I I I I I I I	9
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1-2 3-4	5-6 7-8	9 : 13	:2 :3 - :4		- 18 19 - 1	20 21 - 27,	23 - 24 25	- 26 27 28,	29 - 30 / 31	7.50, 4.5. 0	7	4e1 50.5 3	7e = 1
										TOTAL		TOTAL	
												+c.≠s	5
	.1 .2 .9 .1 .1 2.7 .5 3.3 .2 3.2 3.4 .2 3.4 3.3 .1 1.7 2.5 .6 .9 .3 1.5	.4 .5 .1 .4 .6 .2 1.1 1.6 .2 .9 1.0 1.5 .1 .7 1.4 1.6 .1 .1 2.7 2.3 2.9 .5 3.3 2.2 2.2 .2 3.4 3.0 2.6 .5 .1 .8 2.3 1.6 .1 .1 1.7 2.5 .4 .2 .5 .9 .1 .1	3 1-2 3-4 5-6 7-8 9-10 ***	3 1-2 3-4 5-6 7-8 9 10 12 13 14 1	3 1-2 3-4 5-6 7-8 9-10 112 13-14 5-16 17 -1 -1 -1 -2 -3 -5 -5 -6 -9 -5 -5 1-1 1-3 -3 -3 -1 -4 -5 1-3 1-0 1-2 -3 -2 1-1 1-6 2-6 1-9 -9 -2 -2 -9 1-0 1-5 3-7 1-3 -5 -1 1-7 1-4 1-6 2-4 -0 -3 -1 2-7 2-3 2-9 1-5 -5 -5 3-3 2-2 2-2 -5 -3 -2 3-4 3-5 2-6 -6 -1 1-8 2-3 1-6 -1 -1 1-7 2-5 -4 -2 -6 -9 -1 -3 1-5 -4 -1	3 1-2 3-4 5-6 7-8 9-10 112 13-14 5-16 17-18 19:	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	3 1 2 3 4 5 6 7 8 9 10 1 12 13 14 5 16 17 18 19 20 21 27 23 24 25 1 1 1 1 2 2 4 3 4 5 6 7 8 9 10 1 12 13 14 5 16 17 18 19 20 21 27 23 24 25 1 1 1 2 4 3 4 5 6 7 8 9 10 1 12 13 14 5 16 17 18 19 20 21 27 23 24 25 2 4 3 4 3 4 5 6 7 8 7 8 7 1 8 7 8 7 8 7 8 7 8 7 8 7 8 7	1 1 2 3 - 4 5 - 6 7 - 8 9 - 10 1 - 12 13 - 14 5 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 28 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2 1-2 3-4 5-6 7-8 9-10 12 13 14 5-16 17-18 19-20 21-22 23-24 25-26 27 28 29-30 -31 -1 -1 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2	TOTAL 3 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 1 - 12 13 14 15 - 16 17 - 18 19 - 20 21 - 27 23 24 25 - 26 27 28 29 - 30 7 3 7 8 9 - 10 1 - 1 1 1 1 1 1 1 1 1	WET BULB TEMPERATURE DEPRESSION (F) TOTAL	WET BULB TEMPERATURE DEPRESSION (F) 1 12 3.4 5.6 7.8 9.10 1.12 13.14 15.16 17.18 19.20 21.22 23.24 25.26 27 28.26.30 731 0.8. W.B. pr. 8-16 to 7.18 19.20 21.22 23.24 25.26 27 28.26.30 731 0.8. W.B. pr. 8-16 to 7.18 19.20 21.22 23.24 25.26 27 28.26.30 731 0.8. W.B. pr. 8-16 to 7.2 2 25 25 26 27 28.26.30 731 0.8. W.B. pr. 8-16 to 7.2 2 25 25 26 27 28.26.30 731 0.8. W.B. pr. 8-16 to 7.2 2 25 25 26 27 28.26.30 731 0.8. W.B. pr. 8-16 to 7.2 2 25 25 26 27 28.26.30 731 0.8. W.B. pr. 8-16 to 7.2 2 25 25 25 26 27 28.26.30 731 0.8. W.B. pr. 8-16 to 7.2 2 25 25 25 26 27 28.26.30 731 0.8. W.B. pr. 8-16 to 7.2 2 25 25 25 26 27 28.26.30 731 0.8. W.B. pr. 8-16 to 7.2 2 25 25 25 26 27 28.26.30 731 0.8. pr. 8-16 to 7.2 2 25 25 25 25 25 25 25 25 25 25 25 25

SATA PRICESSILS RRA . F
USAF ETAC
AIR .EATHER SERVICE/MAC

34333 HAHN AR/HUNSPUCK GERMANY

		23.	2 1	1200-14
****	MET BULB TEMPERATURE DEPRESSION F	TOTAL		TOTAL
	0 1-2 3 4 5-6 7-8 9-10 11 12 13-14 15-16 17-18 19-20 1 -22 23 24 25 26 27 28 29 30	, 3 ⁻ 0 8. ¥ 9	0-4 32 5	Ter By ≥ Dew
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64/ 83	.2 .> .3 .4	17	17,	
5. <u>81</u>		: ڏ	31	
\$31 79	• 2 • 3 • 3 • 9 • 2 • 3 • 1 • 1	-1	41	
78/ 77	1 6. 6. 2. 4. 1	33		
76/ 75	.9 .4 2.4 .4 .3 .3 .4	4=	4.5	
74/ 73		7 5	_	
72/ 71	.1 .4 1.2 2.4 2.6 .2	73	73	
70/ 69	.3 1.0 1.5 2 1.3 .9 .1	75	76	13
63/ 67	. 3 2.0 2.7 2.0 2.2 .4 .1	91	9.	24
66/ 65	1.2 2.4 1.3 2.4 1.0	75	70	48
04/ 63	.3 2.5 3.0 2.4 2.2 .5	133	103	20
02/ 61	1.3 1.7 2.3 2.4 1.3 .1	84	84	109
63/ 59	1.3 1.2 1.1 1.2 .4	45	45.	155
58/ 57	.2 2.5 1.0 1.3 .9 .1	01	51	144
56/ 55	•: •: •: •: •: •: •: •: •: •: •: •: •: •	37	37	143
54/ 53	<u>• 1 • 6</u> • 6 • 4	19	18	98
52/ 51	•1 •4 •1	5	6	55
50/ 49	.1 .4	5	5	4ۈ
48/ 47				3
46/ 45				
44/ 43				
42/ 41	• ,			
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TOTAL	·a 7.610.514.7[14.9[13.8]14.0[9.4[5.8[4.3] 2.5[1.1] .2[.2]	1	930,	:
· <u> </u>		930	1	930.
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Element (X)	Σχ² Σχ χ γ No. Obs. Mean No. of How	rs with Tempers	TUTE	
Rel. Hum.		3 F - 80 F	≠ 93 F	Tota
Dry Buit	4291276 62764 67.5 7.726 930 49.2 2	5.2 6.	3	
Wet Bulb	3191971 54321 58.4 4.534 930 3.8	9		
De- Point	2552453 48467 52.1 5.350 930 .1			

3

DATA PROCESSING RRANCH USAF ETAC AIR LEATHER SERVICE/MAC

34055 HEHN AT/MUTSPUCK BER

PSYCHROMETRIC SUMMARY

1500-1700 #ET BULB TEMPERATURE DEPRESSION F 9 10 11 12 13 14 15 16 17 18 17 20 21 22 23 24 25 26 27 46 27 36 77 36 79 TOTAL TOTAL ີວຣ. ∀.8 ີວ√. <u>ຄ</u>ູ 90/ 69 881 87 55/ 35 . 1 84/ 83 . 5 23 23 13 /53 . *f*3 9 80/ <u>79</u> 78/ 77 30 . 8 76/ 75 ځ. 05 55 74/ 73 .2 1.C Z.3 1.5 72/ 71 70/ 59 .4 1.7 ٥i .2 1.4 1.3 1.7 2.4 1.7 . 2, 58/ 67 .5 1.0 2.9 2.0 1.4 .3 1.1 1.4 2.0 2.4 .5 .2 65/ 65 97 64/ 63 1.7 2.5 2.3 2.5 1ô 62/ 61 20 1.9 1.5 2.9 2.2 90 60/ 59 58/ 57 ۹3 52 2.6 1.7 2.4 1.6 3 ت 1.7 2.3 2.2 65 65 o e 56/ 55 54/ 53 32 :22 .5 1.1 i.2 13 100 108 04 52/ 51 65 140 50/ 49 34 48/ 47 45/ 45 39 44/ 43 42/ 41 40/ 39 38/ 37 Ž 36/ 35 34/ 33 Ž 32/ 31 930 .9 8.111.314.415.214.911.6 9.6 4.7 4.4 2.4 2.5 TOTAL 930 Mean No. of Hours with Temperature c0.216.951 55945 930 3632359. 10F | 132F ≥ 67 F + 73 F + 80 F 93 56.8 7.620 57.8 4.417 4204090 62126 930 45.8 ?Z.5 Dry Buis 53730 930 93 3122334 93 47798 31.4 5.437 2484076

44 0.26 5 (OL A) PINITO MINIMA TOTICON OF PAST TOTAL

AFITAC 1014 0.26 5 (C

DATA PROCESSING PRANCH USAF LIAC AIR LEATHER SERVICE/MAC

34055 HAHR AP/HUMSRUCE GERMANY

PSYCHROMETRIC SUMMARY

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									PAGE	1	1800-	
Temp		WEI	T BULB TEMPER	ATURE DEPRESSI	ON (F)				TOTAL		TOTAL	
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32/ 61			-	.2 .1	.1	!	,		4	4		
80/ 79		•	• 1	.1 .3		_ 	·		5			_
78/ 77		1 .2 .1		.34:	1		1		13	13:		
75/ 75		.1		1.2 .2					24	24		
74/ 73		.3 .2	l: .6: .8!	.0	; [: ,		. 26	26		
72/ 71	, , , , , , , , , , , , , , , , , , , ,		11.6, .4	.1 .2	.1	1			37	37		
70/ 69		1 .1 1.8 1.5	5 1.7 1.0	.3 .1	_	<u> </u>			63.	63	3	
8/ 07.		1.41 1.9 2.8		.5 .2					97:	97	8	
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2/ 61	.1 1.9 2.5	5. 2.31 2.41 .8							95	95	34	
0/ 59	2.9 2.			1		1			93	93	130.	
8/ 57	. 3 3.4 Lat		<u> </u>		<u>i i i </u>		·		94	94		
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lement (X)	Σχ'	ZX	X vz				Mean No. J	Hours wit	h Temperatu	,,,		
el. Hum.	460148	63662	68.516.1			± 32 F	≥ 67 F	≥ 73 F	≥ 80 F	* 93 F	7	otol
ry Bulb	369867		62.7 6.6	69 930			27.1	7.4	.7			
fet Bulb	295442		56.2 4.4	26 93(1.1					
Dew Point	247922	9 47759	51.4 5.3	53 93()		•1					

AC FORM 0.26.5 (OLA) REVISED MENNOUS EDITIONS OF THIS FORM A

JSAFETAC FORM 0,26,5 (O) A)

DATA PROCESSING RRANCH USAF LIAC AIR LATHER SERVICE/***

PSYCHROMETRIC SUMMARY

34055 HAHN AS/HEYSPUCK CERMANY 9-77 AUG

STATION NAME YEARS

PAGE 1 2100-2300
HOLDS IL. S. T.

Temp								DEPRESSIO					TOTAL		TOTAL	
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76/ 75					1								<u>l</u>	1		
74/ 73			• i	• 1	• 1	. 1	. 2	,		1 .			4	6		
72/ 71			3 .3	<u>• ì</u>	. 3	• 6				·			15	lú		
70/ 69	,	.4 .2	3	1.0	. 9	. 4		,		1	,		30	34)		
68/ 67		<u>. 5' . 6</u>	<u>, 9</u>	1.0	<u>. ა</u> ა	<u>. 1</u> ,	1	i					36	35	1	
66/ 65.	•1 1	.3 1.4	- 1.7	1.6.	. 4	. 2.	.1				1		64	64	9	
64/ 63	.2.91	. 3 2 . 2	2 2.2	2.5	, 5,	. 3'	1			1			102	102		
62/ 01	.2 1.8 2	.5 1.6	2.7	1.5	• 4	• 1			T				. 101:	101:	45	1
60/ 59	.6 5.3 3	.2 3.0	3 1.7	• ð	. 3:					<u> </u>			145	146	98	5
58/ 57	.2 5.4 3	. 6 2.6	1.1	• 4,					:				125	125	133	5
56/ 55	.3 2.0 4	.3 4.0) .4	•1		:		· I	 				111	111	129	10
54/ 53.	. B. 3.C 5	.3 1.1	1 1						7		1		95	95	162	9
52/ 51	.1: 1.2 2	.0 .4	4 . 1						.1				41.	41	136	đ
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48/ 47	1.4	• 2		!									15	15	61	
46/ 45	• 5		,		:					:	:		5.	5	22	, 11
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OTAL	2.724.527	.318.	311.6	9.4	3.7	2.0	. 5	:	i		i	l		930		93
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Element (X)	Σχ'		Σχ		<u>X</u>	· *		No. Obs.		,			ith Temperat			
Rel. Hum.	53522		692			14.4		930	± 0	F ± 32			• SK F	≥ 93	F .	Total
		15	550	15	59,2	5.5	83	930			9.		ð e			9
Dry Bulb	32834															
Ory Bulb Wer Bulb Dew Point	27618 24006	72	505 469	16		4.3°		930 9_0			<u> </u>	1				9

DATA PROCESSING GRANCH USAF ETAC AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34055 HAHN AP/HUMSPUCK GERMANY -R-77 TEARS ON THE PAGE 1 ALL HOURS U.S. T.

Temp							BULB T										TOTAL		TOTAL	
,F1	G	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 . 24	25 - 26	27 28 29	30 + 31	D.B. ¥.B.	Dry Buib	Wer Buib	Dew Fa
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84/ 63								<u>, ú</u>	.1	. 1.	• 1	. 1:					33	33		
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80/ 79						• 1	. 1	٤,	. 2	. 4.	•1		• Qi	•0.			91	91		
78/ 77					- 1	• 1	. 2	. 4	. 4	. 3:	• 1	• 1	.0		į		116	116		
76/ 75					<u>ے و</u> رخہ	• 3	• 7	. 4	3,	• 1.	•1	• 1			:_		163	<u>i63</u>	•-	
74/ 73				. 2	. à.	• 5	• 8	• 0	. 4	. 1	• 1	• 0		,	i		218	216		
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68/ 67		.1	.7		1.7			<u>.</u> غ	.1	.1			,				513	<u>دُ 1 دُ</u>	12	
66/ 65		-	1.4		1.4		_	. ì	٠Û	•0.			1				507		169	3
64/ 63	• 1				2 . 1.			.1					:			<u></u>	591	591	347	9
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60/ 59	4	3.7	2.4	2.7	1.8	. 3	<u>' . i i</u>										850		<u></u>	7ر
58/ 57	. 2	4.3	2.8	2.4	1.0	• 2					:	1					813		~ - , ,	61
56/ 55	. 5	3.0	3.2	2.0	.4	-1	• 0									. i	586		1074	58
54/ 53	• 4	2.6	3.5		• 1	•0						i					577		1032	65
52/ 51	. 2	1.4	1.5	. 3	. 1)	i					275			82
50/ 49	• 4	2.6	. 8							. ;							298	288		127
48/ 47	. 1	1.2	. 3		. !						;	i					117			89
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44/ 43	·U	. 1			<u> </u>		: _ :										10	_10	. 38	
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36/ 35	!	i]		1			ii]	_ 1	_						i	, 2
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OTAL	2.62	2.6	21.8	15.7	12.8	9.5	6.0	3.9	2.3	1.4	.7	•5	•1	•0				7440		744
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lement (X)	2	, X,			ZX	1	X	₹,	· -	No. Ob	·.				Meon No.	f Hours with	h Temperat	ure		
Rel. Hum.		1997	6825		5308	89	71.4	16.7	80	74	4.0	± 0 F		32 =	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93	F	Total
Dry Bulb		858	9630		4577		61.5			74	40				182.5	69.6	14.	4		74
Wet Bulb	7	2321	2417		4139		55.6			74	40		T		10.5			T		74
Dew Point		070	0253	1	3816	1 1	51.3		A-1	7/4				• 1	.5			77		74

(C FORM 0.26-5 (OL A) REVISED MEWICUS LOTICOMS OF THIS FORM ARE OBS

USAFETAC 100 0.26-5 (OL A)

DATA PROCESSING PRANCH USAF ETAC AIR WEATHER SERVICE/MAC 34055 HAHN APPHOTSRS

rotm 0.26.5 (OL A)

PSYCHROMETRIC SUMMARY

34055 HAHN ΛR/HUTSRUCK GERMANY 8-77

STATION STATION NAME

PAGE 1 9000-0200
HOURS U.S.T.

le-p									DEPRE								TOTAL		TOTAL	
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70/ 69				<u>• 7</u>									:		i		: 5	<u> </u>		
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56/ 55		.2 3.9		1.0			į		į		· !		,	ì	,		109	109	5,	38
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50/ 49		9 5.7		<u>• •</u>		i	<u>i</u>		-		; ,			1			155,	155	124	147
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42/ 41	.1.2								<u></u>						1		27	27		82
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Dry Bulb		<u>473329</u>		4686			6.0			00				1.	4		L			90
Wet Bulb		<u>212692</u>		4434			5,5			00										90
Dew Point	2	002866	<u> </u>	4212	24	46.8	5.8	98	_9	00			•7							9 Õ

DATA PRUCESSING BRANCH
USAF ETAC
AIR REATHER SERVICE/MAC

34055 HAHR AR/HUMSRUCK GERMANY
5747-08 NAME

USAFETAC

Te-p					WET	BULBT	TEMPER	TATUR	E DEP	RESSIO	4 (F)					TOTAL		TOTAL	
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60/ 59	.2 1.9															4.8	48		
58/ 57		2.4	• 9	• 3								-				51	51	30	
56/ 55	· F 4.9		•0				- · -			_:						90	90	56	
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44/ 43	1.1 5.2		• 2													73	73		
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=1: (Y)	Σχ'			Σχ		X	- F.	┸┯╾		Obs.	-i	ــــــــــــــــــــــــــــــــــــــ	لحسلم	<u></u>		with Temperat	<u></u>	<u> </u>	<u> </u>
Element (X)		2071		770	73	85.6				900	= 0	E T	± 32 F	Mean No.			2 93 I	<u> </u>	Total
Dry Bulb		3059		453		50.3				900	+	+		20/ F			+		1010.
Wer Bulb		2046		433		48.1				900	+	-+			4		+		
Dew Point		5730		415			5.8			900		\rightarrow	1.0						

DATA PROCESSING GRANCH USAF LTAC AIR REATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY.

HAHN AR/HUNSRUCK GERMANY PAGE 1 WET BUT B TEMPERATURE DEPRESSION (E)

Temp									DEPRESS						TOTAL		TOTAL	
(F)	0 1 - 2	3 - 4	5 - 6	7 - 8 ' 9	- 10	1; - 12	13 - 14 15	5 - 16	17 - 18 19	- 20 21	- 22 23 -	24 25 - 26	27 - 28 29	- 30 × 31	D.B. W.B.	Dry Bu b	Wet Buit	Dew Porn
76/ 75															,	1		
74/ 73					• 1	. 1						•	. !		2	2		
72/ 71				•1	· i										- 2	Z		
70/ 69			. 1	• 1.								į			2	2		
68/ 67		. ?	. 41	اذ و		• i									10	lù		
66/ 65		. 4	. 3	• -	• 1				•		1		,		ê	8	1	
64/ 63	• i • l		•6	•2	• 2							· · · · ·			19	19		$\overline{}$
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50/ 49	2.010.4		.4.	• 1;						•					161	161	112	102
48/ 47	.7 5.2		• 3						1				;	1	80	30	143	101
46/ 45	.3 5.1		• 2.						,		1	i			03	53	92	109
44/ 43	1.0. 3.1		• 1.							,					45	45	71	. 95
42/ 41	1.1 2.0		1	,					;		i i			;	32	32	۶7.	[6]
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Rel. Hum.		0740		7568	9	84. I	9,77	<u> </u>	90		10F	± 32 F	≥ 67 F	≥ 73 F	≥ 80 F	* 93 !	<u> </u>	Total 9(
Dry Bulb		1800		4693	4	72.1	6.17	4	90				1.	<u> </u>	<u> </u>			9(
Wet Bulb		38707		4461			5.48		90					 	 	+		90
Dew Point	204	16725		4261	/	7/,4	5.65	4	90	0		•]						7(

DATA PRICESSING PRANCH USAF ETAC AIR MEATHER SERVICE/MAC 34055 HAHN AR/HUMSR

USAFETAC FORM 0.26-5 (OL A)

PSYCHROMETRIC SUMMARY

34055 HAHN AR/HUNSPUCK DERMANY 6-77 SEP VEAS PAGE 1 090-1100

Temp							EPRESSION					TOTAL		TOTAL	
- F	S :- 2 3	-4 5-6	7 - 8 9 -	10 11 - 12	13 - 14 1	5 - 16 1	7 - 18 19 - 20	1 21 - 22 23	- 24 25 - 26	27 - 28 ¹ 29	- 3C × 31	D 8_ W.B (Prv Buib W	er Bulb D	Jew Pa
34/ 63						. i	ſ					1	1		
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lement (X)	Σχ²		ZX	X	* *		No. Obs.				Hours with	h Temperati			
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ory Bulb	2988		51475				900			7.7	2.1	.6	1	1	,
Wet Bulb	2493		47113				900			+1		i			9
Dew Point	2140	4 3 AV	43580	48.4			900		•3						- 9

USAFETAC FORM 0.26.5 (OL.A) RESIDENTENDOS DE INFERIOR ALL CINOSER

DATA PRICESSING RRANCH USAF ETAC AIR LEATHER SERVICE/MAC

HAHN AR/HU'ISPUCK GERMANY

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DATA PROCESSING ARANCH JSAF ETAC AIR =EATHER SERVICE/MAC

340p5	HAHN AS/HUNSPUCK GERMAMY	3 - 77			5EP
5"A" DN	STAT ON NAME		YEARS		W24*-
				PAGE 1	1500-1700
	WET BUILD TEMPES	ATURE DEPRESSION (E)		TAY::	TOTAL

Wet Buib	2560744 2090098	477	46 5	3.1	5.5	57	9	00		1		•2				
Rei. Hum.	4177715 3247998				7.50			00 00	= 0 F	± 32 F		7 F	∗73 F	-80 F	• 93 F	_[
Element (X)	Σ _X ²	Σχ		X	7 8		No. Ob				Meon	No. cf	Hours with	Temperatu	re	
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TOTAL	.813.1,17.9	20.221.3	13.2	8.0	3.6	1.2	.6	• 1		Ī			i	2	-900 i	
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48/ 47	.1 2.7 1.2				<u></u>				! :-					43	43	115
50/ 49	.1 2.4 2.7		• 1.				-		•					57	57	91
52/ 51	.2 .9 1.5	1.3: .3	. 2.											43	43	131
54/ 53		2.1.1.3		. 3										67	67	100
56/ 55		3.0, 2.0			,									58	88	99
56/ 57		2.41 1.ĉ		• 1										80	30	9
60/ 59		3.2 3.7			.1									113	113	7
62/ 61	2.2	2.6 1.9	1.6	1.0	-1									35	25 .	5
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66/ 65	-1 -2	1.0 3.1			.7	. 3			- +					$\frac{32}{73}$	73	<u></u>
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DATA PROCESSING RRAICH USAF ETAC AIR FEATHER SERVICE/PAC 34055 HANN AR/HUISP

PSYCHROMETRIC SUMMARY

34055 HANN AR/HUI SPUCK GERMANT R-77 SEP

STATION NAME

PAGE 1 1800-2000
HOURS U.S.

Temp				TURE DEPRESSION					TOTAL		TOTAL	
F	0 1-2 3-4 5-	6 7-8 9-10		5 - 16 17 - 15 19 - 20	<u>, 2° - 22 23 -</u>	24 25 - 26	27 - 28 27	30 • 3.	⊃ S. ¥.S.	Dev Buis	Wer Buis	Dew P
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78/ 77			۰۷	 								
76/ 75			ذ ،						3	و .		
74/ 73		•										
72/ 71		•	3 .1							4		
73/ 69		9 1.41	2						<u>11</u>	24		
68/ 67									34	34.	5	
66/ 65	1.4 2.	.0 .9 . .63 .	7 .4						45	45		
62/ 61		1 1.0 1.		<u> </u>					75	76	26	
60/ 59	1.7 2.2 4	4							72	72	54	
58/ 57	2.0 4.0 4			:					117	117	85	
56/ 55	.2 2.9 3.4 1.	9 1.4							96	76	83	
54/ 53	.4 1.9 3.4 3.								104	104	101	
52/ 51	2.0 4.2 1.		1						77	77	1.)4	
50/ 49	.4 5.2 3.0 1.	. 4 . 1 _i				_		_	99	99.	121	. 1
48/ 47	.4 3.3 1.9	.3 .2							56	55	132]
46/ 45	.3 1.2 1.3 1. .3 1.4 .7	.0 .2							42		77	
44/ 43	.3 1.4 .7	• 1i	;			•			23	3	53	
42/ 41	. 2' . 4							<u> </u>	6		2.5	
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36/ 35		, ,		*		:	:	•			į	l
34/ 33		 		- 			 -		<u></u>	: ;		
32/ 31	•	i		1	:	: '	i		i			
30/ 29					+-+-			 -				
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Élement (X)	Σχ'	z _x	7 7	No. Obs.	 		Mean No. (of Hours with	, iemperor	lure		
Rel. Hu	5209480	67532	75.012.57	6 900	±0F	± 32 F	≥ 67 F	≠ 73 F	≥ 80 F	≥ 93 F	1	Tatal
Dry Bulb	2822366	50044	55.6 6.64	5 900			5.2	1.3				
Wet Buib	2385333	46065	51.2 5.53									
Dew Pourt	2059171	42705	47.5 6.04			•6			i —		T	

DATA PROCESSING RANCH USAF ETAC CAMPAGE SERVICE/MAC

USAFETAC 101 04 0.26-5 (01 A)

PSYCHROMETRIC SUMMARY

HAHR AR/HUNSPLCK GERHARY PAGE 1

*e==p			T BULB TEMPERA						TOTAL		TOTAL	
F	0 1-2 3-4 5-	5 7-8 9-1	0 11 - 12 13 - 14 15	- 16 17 - 18 19 - 2	0 21 - 22 23	- 24 25 - 26	27 28 29 -	30 ≥ 31	≎ 8. ¥.8.	Ory By 5 1	Fe- 3- 5 3	Pa
74/ 73			, 2						7	Ž		
72/ 71			0						<u> </u>			
79/ 6 9		•3							2	5		
08/ 07		<u> </u>							4	4		
06/ ¢5		4 .4 .	1						. 3	13		
64/ 63	•1 1.0 1.		 						27	27	3	
02/ 61	.6 2.2 1.		1						4.5	46	25	2
60/ 59	.1 .9 3.1 1.								- 5 9	59		
58/ 57	.5 4.0 3.3 2		3	•	•				111	111	οŻ	30
56/ 55	.3 4.3 3.6 1.		,						- 98 - 94	98	35	+9
54/ 53	.→ 2.6 3.9 2.		•	1	,				91 94	71	34 37	10Z
52/ 51	.1 2.2 4.7 2. .0 7.0 0.1	9 .1		· · · · · · · · · · · · · · · · · · ·					132	-1 32 -	-117	109
48/47		, , , i							74	74	147	100
46/ 45	.5 4.6 1.4	• 1,								<u></u>	154	113
44/ 43	• • •	.2 .1							40	45	73	104
72/ 41		.1							20	29	46	103
40/ 39	.7 .1	•							7	7	; 9	63
38/ 37				 			i				13	27
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28/ 27				,	1 .							2
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			<u> </u>		_نن	I		<u> </u>	<u> </u>			
Element (X)	Σχ'	2 x !	70 71 05	No. Obs.				f Hours with				
Rel. Hum.	5829928	71760	79.710.97		= 3 F	± 32 F	≥ 67 F		+ 80 F	* 93 F	T	910,
Dry Bulb	2572342	47792	53.1 6.19		<u> </u>	<u> </u>	1.9	.2			 -	90
Wet Bulb	2253366	44762	49.7 5.49		<u> </u>	<u> </u>			<u> </u>	 -		90
Dew Point	2001051	42101	45.8 5.93	0) 9ედ	<u>L</u>	.6			<u>. </u>			90

DATA PROCESSING RRAACH USAF ETAC AIR REATHER SERVICE/MAC

HAND AP THUNSRUCK GERMANY

PSYCHROMETRIC SUMMARY

												PaGE	i	<u></u>	<u> </u>
Temp			WE:	BULB T	EMPERATU	RE DEPRES	SION (F)				TOTAL		TOTAL	
e -	0 : 2 3	5 6 7							- 24 25 - 26	27 - 28 2¢	. 20 → 31		D.v 8. 5		De P
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4/ 83						.1 .1						11	11		
2/ 81					<u>, i , , , , , , , , , , , , , , , , , ,</u>	1 .)				-		11	11		
10/ 79				•0	. ! .	. 1						16	16		
78/ 77				<u>• 1</u>	<u>.:</u>	. C						17	17		
76/ 75			•]			.0						25	25		
74: 73			<u>• 1 • 4</u>	<u> </u>	<u>.c</u>	.0						45	45		
72/ 71			• 1 • 4	• • •	, i							55	55		
10/ 69	<u>-</u> •	<u>, , , †</u>	<u>• l</u>			0						123	123		
8/ 67		1 .5 1	•1 •			Ç		i				232 267	232 267	15	
6/ 65		4 1.0 1	<u>. 0</u>	 3	<u>.2</u> .	.0 —						349	348	59 33	
4/ 63	• v • l 1•		_			· U						470	470	232	
$\frac{62}{59}$	•1 •6 1 •1 1•3 2•		•0 •: •3 •		_ • 1							576	376	359	
8/ 57			.0 .0		• •							680	680	538	
6/ 55	3 3.4 3.		• 2 • 4									749	749	700	·
64/ 53	.0 2.9 3.		.8 .					•				749	749	812	
2/ 51	.3 2.8 3.		.5(i ,	593	393		
0/ 49	.7 6.1 4.		· 2·									7دة	257	509	
8/ 47	.4 3.9 2		•1					- ;	•	 :-		519	519	962	
6/ 45	.4 3.4 1.		• G.									386	350	689	
4/ 43			• C					- ;	- 			241	241	457	7
2/ 41	4: 1.3	3, .0	,				1	!	1			143	143	297	6
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8/ 27		1.		.ii	.i									i	
)TAL	4.331.227.	516.810	<u>. 2 5. :</u>	2.8	1.2	.4 .2	•0	<u>'이</u> _			!	·	7199		71
						4 mm ac market						7199		7199	
le-ent (X)	Σχ²	ZX		ž.	**	No. Obs	1			Mean No.	d Hours with	Temperati	ure		
el. Hum.	4366358	34 55	1756	76.6	13.872	715	9_	±0 F	: 32 F	≥ 67 F	≥ 73 F	> 80 F	. 93 F		Total
y Buib	2224895	56 39	6528		7.527	719	9			54.0	13.0	3.4	· [Ĭ,
et Bulb	1888799	3 36	6345	50.9	5.838	719	9			1.5			I		7
ew Point	1643137	70 34	1236	47.4	5.971	719	99		4.3				T	1	7.

USAFETAC FORM 0.26-5 (OL. A) SENITO MENOUS HARMES OF INSTITUTE AND OBSURED

DATA PRICESSING PRAGGA USAF ETIC PSYCHROMETRIC SUMMARY AIR AEA HER SERVICE/MAC 34055 HAPN AF/4LNSPUCK GERMANY -0.88 : 5. € WET BULB TEMPERATURE DEPRESSION 'F' TOTAL TOTAL 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 15 | 17 | 18 | 19 - 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | | 4 | 31 J.B. W.o. Dev Bu b Wer Bu b Dew Po -62/ 61 • L 3 50/ 59 11 11 58/ 57 . 0 • 2 18] 5 • 0 56/ 55 3.0 40 43 48 24 54/ 53 .0 2.4 1.3 74 3.8 3.4 52/ 5% 74 2.7 110 116 50/ 49 8.3 87 79 79 48/ 47 1.3 4.2 2.0 2.0 0.7 1.1 1.8 7.2 1.0 72 92 56 46/ 45 87 112 97 102 44/ 43 101 35 42/ 41 7.3 1.5 50 120 75 •9 3.8 1.3 39 39 Q. 40/ 39 38/ 37 57 70 60 43 36/ 25 34/ 33 1.4 1.2 1.0 35. 33 50 33 $\frac{32}{30} / \frac{31}{29}$ 42 21 28/ 27 lá 17 26/ 25 24/ 23 22/ 21 ÷ 930 **#30** TOTA_ 14.058.822.4 3.2 1.0 ì Element (X) No. Obs. Mean No. of Hours with Temperature Rel. Hum 7055082 80510 86.6 9.584 936 1 32 F 45.2 6.493 43.3 6.269 930 Dry Bulb 1938739 42031 1.1 3.4

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930

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Resisto ₹ 0.26.5 (01

Wet Buib

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DATA PROCESSING RAPACH USAF ETAC AIR EATHER SERVICE/MAC

HAMI AR/MUNSPUCK GERMANY

PSYCHROMETRIC SUMMARY

										P=5£	1	<u>-0.43</u> .	
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0/ 59	.1 .4	.1	7							•	ć		
57 57	4 .4									3	G	2	
5/ 55	.: 1.6 1.4	.4 .1								32	32	15	
4/ 53		. 3								٦٤	33	25	2
2/ 51	.5 3.3 2.2	.5								57	-52	45	-2
	2.2 7.5 2.5	.1								115	115	34	7
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		.1								36	95	79	9
	3.00.5 .0	•2 •2								72	38	1,1	-11
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icent(X)					No. Obs.			Mean No.	s f	th Temperature	: :	The state of the s	
			X 88.65 F.			236	132 F			th Temperatu			
en Hum.	7364776	82360	88.6 5	.7.5	930	2) F	132 F 3-1	€ 67 F	of Hours wit	A 80 F	* 93 F		•:2
ler. Hum. Dry Bulb	7364776 1527933	82360 40795	88.6 B.	.7.5	930 930	2) F	3-1	₹ 67 F					7
Sement (X) Co. Hum. Pory Builb Tet Builb Rew Point	7364776	82360	88.6 5	.7.5 432 .274	930	20F		₹ 67 F					•:si

FORM 0.26-5 (Q1, A) BINSED MENDAL FORKERS OF THIS FALLE ARE UR CUERT

DATA PRICESSING RRANCH USAF ETAC AIR SEATHER SERVICE/MAC MANN AP/HUNSP

PSYCHROMETRIC SUMMARY

STATION STATION NAME 8-77 TEARS PAGE 1 0000-0800 NORTH

WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL D.B. W.B. Dry Buib Wet Buib Dew Point 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 > 31 64/ 63 62, 61 ð. 60/ 59 58/ 57 11 111 •1 56/ 55 1.8 .3 2.8 1.5 47 47 19 54/ 53 .0 3.8 2.9 52/ 51 72 46 30 50/ 49 1.0 8.1 1271 127 82 3.7 87 1.1, 4.5 1.8 102 91 48/ 47 711 80 46/ 45 90 1.8 7.6 1.2 101 101 44: 431 107 2.5 6.7 1.2 Col 100 111 42/ 41 1.4 7.0 1.0 57 93 40/ 39, 99 1.6 7.3 1.2 โบล 38, 37 36/ 35 4.6 64 88 87 1.1, 3.3, 1.2 52 52 26 34/ 33 32/ 31 9 1.6 30 30 i 22 22 43 .0 1.5 31 30/ 29 28/ 27 . 1. 29 11 24/ 23 22/ 21 15.761.519.4 2.7 930 730 93C 930 Element (X) Mean No. of Hours with Temperature 81436 87.6 8.871 44.5 6.533 930 Rel. Hum. 7204096 ± 0 F 2 32 F 267 F 273 F 280 F 293 F 1882353 +1397 930 Dry Bulb 3.0 42.8 0.248 41.0 6.673 39785 Wet Bulh 1738251 930 5.0 1602971 38109 930 11.2

0.26.5 (OL A) REVISED MEYIOUS EDITIONS OF THIS TORM ARE O

USAFETAC FOLM 0.26.5 (O)

DATA PRUCESSING PRANCH USAF ETAC AIR MEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34055 HAHN AP/HUNSRUCK CERMANY
STATION NAME

-77

PAGE 1

0900-1100

Yemp								'EMPERA										TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8			13 - 14 1	5 - 16	17 - 18	19 - 20	21 - 22 2	3 - 24 2	25 - 26	27 - 28	29 30	≥ 31	D.B. W.B.	Dry Bulb	Wer Bulb	Dew Po
66/ 65				. 2	خ ،	• 4					-		1					9	9	1	
u4/ 63			ļ	. 6		• 2												9	9		
62/61			- 1			• 3		,				!		1			1	16	10		
60/ 59.			1.7			• 1							!					40	40		
58/ 57			1.9		.6	• l				:		ļ		-	i		i	>^	50		
56/ 55		2.4				• 1							. !				<u> </u>	56	55	' <u>ور</u>	•
54/ 53			3.3	1.2	. 3		• 2			:							1	72	72	55	4
52/ 51	. 5	2.2	2.7	. 6		• 1	• 1											52	62	811	4
50/ 49	1.0	5.7	4.1	1.3		•1	1											113	113	89	8
48/ 47			4.1			• 4	1	i :				L		1	- 1		Ĺ	97	97		
46/ 45	. 0	5.7	3.0	.4	1 3	•1	i										T	96	96		10
44/ 43	1.0	7.0	1.8	.3	.4			· !		I			1				1	98	98		8
42/ 41	1.0	0.7	1.6	.5			i	, ;					;					93	93	113	13
40/ 39			1.3				;						Ì	i		_	Ì	55	_ 55	84	5
38/ 37.			1.0															35	35	54	9
36/ 35	1.0				<u> </u>		1		:		i		i				<u> </u>	20	20	49	5
34/ 33	.4]			!	,				:	i					6	6		2.
32/ 31	. 1			<u></u>			1	11			i		!_					3	3	9	2
30/ 29				 				; :		: .			i					1			1
28/ 27					i			! !										<u> </u>			1
26/ 25			Ī]			i			i			Ī								
24/ 23			<u> </u>							, I <u>i </u>							L				
UTAL	8.1	43.1	29.0	12.8	4.7	1.8	.4			i	i		- 1						930		43
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Element (X)		ΣX²			ZX		X	σ _χ		No. Ob								th Temperat			
Rel. Hum.			1706		756			12,52			30	± 0 F		32 F	≥ 67	F	≥ 73 F	≥ 80 F	2 93 1		Total
Dry Bulb			33100		447			6.84			30			• 3					 _	_	9
Wet Bulb			37401		420			6.00			30			•9							9
Dew Point		170	38944	1	394	02	42.4	6.32	6	9	30		<u> </u>	6.7							9

104 0 26-5 (OL A) REVISED PREVIOUS EDITIONS OF IN

SAFETAC 100

DATA PROCESSING RAPCH USAF ETAC AIR REATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34055 HAHN AR/HUNSPUCK GERPANY R-77

STATION NAME

PAGE 1 1200-1400

WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL (F) 9-10 11-12-13-14 15-16 17-18 19-20 21-22-23-24 25-26 27-28 29-30 +31 D.B. W.B. Dry Bulb Wer Bulb Dew Point 70/ 69 111 11 ·4, ·3; ·2 08/ 67 13. 13 .9 66/ 65 • & . 3 22 22 64/ 63 35 351 1.4 • 5 . 3 62/ 61 .0 1.2 1.5 •5 . 5 41 41 60/ 59 58/ 57 .9 1.7 42 42 1.3 1.0 2.4 60 60 40. 1.9 1.5 2.3 56/ 55 . 3 68 68 52 26 89 54/ 53 .3 1.9 3.1 2.5 1.1 89 02 43 .3 1.0; 2.7; 3.2; 1.2 .4 3.9; 3.9; 3.3; .6 52/ 51 87 うち 64 ٠ څ. 128 84 50/ 49 . 6 1.3. 128 73 **17** 48/ 47 .4 3.8 3.c 1.9 97 97 100 84 46/ 45 .4, 4.2 2.7; 1.0 84 108 • Z' 54 88 44/ 43 64 .4 2.7 1.1 41 82 42/ 41 411 101 • 2; 134 .5 1.7 30 40/ 39 30 54 38/ 37 1.0 17 451 70 54 36/ 35 18 • 3' 17 34/ 33 . 2 į 20 32/ 31 30/ 29 i 28/ 27 12 26/ 25 13 24/ 23 b 4.028.923.522.810.6 5.7 2.6 1.2 TOTAL 930 930 930 930 Element (X) No. Obs. Mean No. of Hours with Temperatura 69470 930 5393798 74.714.835 Rel. Hum. = 0 F = 32 F ≥ 67 F ≥ 73 F ≥ 80 F 51.4 7.274 47.2 6.005 930 Dry Bulb 2506996 47810 2103320 43874 930 93 Wet Bulb 93 1769857 40069

-5 (OL. A) REVISED MEYIGUS IBITIOMS OF THIS FORM ARE OBSOITTE

AFETAC FORM 0.26-5 (

DATA PROCESSING BRANCH USAF ETAC AIR REATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34055 HAHN AR/HUNSPUCK GERMANY 1500-1700 HOURS L S. T.) PAGE 1

Temp		WET	BULB T	EMPERA	TURE	DEPRESSION (F)				TOTAL		TOTAL	
(F)	0 1-2 3-4 5-6	7 - 8 ' 9 - 10	11 - 12 1	3 - 14 1	5 - 16	17 - 18 19 - 20	71 - 22 23	24 25 - 26	27 - 28 29 -	30 + 31	D.8. W.B.	Pry Bulo !	Wer Bulb C	Dew Po
72/ 71		•	-		.1		1		1		1 -	1		
70/ 69				.1.					_ :		3	3		
08/ 67	-1							i	,		7	7		
66/ 65	5. 1.		. 3								14.	14		
64/ 63	• 2 • 6	. 8! . 8	. 2.				;				24	24		
62/ 61.	.6 .9		. 2						•		25	26	2	
60/ 59	.4 1.2 2.0							,			45	45	12	
58/ 57	1.1 1.5 1.7	• 6)		. i							47	47	28	
56/ 55	.1 1.5 2.5 2.2	. 3	• 1	• 1							56	66	47	1
54/ 53	.2 1.8 3.2 2.4	.6 .1	. 1	1		!	i				79	79	52	4
52/ 51	1.7 2.3 1.6	+5 •2	- 1					1			οl	51	o l	3
50/ 49	.6 4.4 4.0 1.7	.8 .d	. 1	i							115	i15;	30	8
48/ 47	.3 2.5 4.9 2.2	.5 .4									Tol	101	71	3
46/ 45	.3 4.9 3.2 .9	.02	1	;			·				96	96	99	9
44/ 43	.> 5.6 2.C .O	. 5	: 1					,	,		87	87	117	8
42/ 41	.> 6.6 1.4, .6										90	901	130	13
40/ 39	٠4 ٢٠٩ ٠٤ ٠٤		1						1		407	40	73	11
38/ 37	.5 .6 .4 .1	!	<u>:</u>								16	16	52	9
36/ 35	.1 .8 .1	'	,	i	•		•				9	91	30	4
34/ 33	• 1. • 2.	· !	!		:						3	3	13.	2
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24/ 23	1			į		-				ļ	:	;	i	
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lement (X)		ZX	X -		_ _	No. Obs.		1			th Temperat			
Rel. Hum.	5655683	71361	76.7			930	10F	± 32 F	≥ 67 F	≥ 73 F	; ≥ 80 F	→ 93 F	<u></u>	otal
Dry Bulb	2342977	46213	49.7			930			1.1	ļ	<u> </u>	 		
Wet Bulb	1999199	42753	46.0			930		•3			 			
Dew Point	1701987	39276	42.2	A . 82	751	930		7.9	l	l	ì	1	i	5

USAFETAC FORM 0.26-5 (OLA) REVISED MEN COUSTONIGHES OF THIS FORM ARE CINSOLERE

A 64 0.26.5 (OL A) BINSED MENOUS IDPINANT OF THIS POPULATE OBSOLETE

3

DATA PROCESSING BRANCH USAL ETAC AIR MEATHER SERVICE/MAC

34055	HAHIN AR/HUMSPUCK GERMANY	0+77 YEARS	→C T
		PAGE 1	1800-2000

															HUUFS -	
Ттр							URE DEPRE						TOTAL		TOTAL	
(F)	0 1 - 2	3 - 4 5				13 - 14 15	- 16 17 - 18	19 - 20 21	- 22 23 -	24 25 - 26	27 - 28,2	9 - 30 - 1	31 D.B. W.B	Dry Buib	Wet Buib	Dew Pa
66/ 65			• 4	• :	l;			:	ŧ				5	5		!
64/ 63			• 5! •					·						7		<u>!</u>
62/ 61		ا ک و		1 •		1		į					11	11		,
00/ 59		8 2.4	.81 .	<u>1, </u>	• 1			·					19	19		
58/ 57				6 •	l,				!				43		-	
<u>56/ 55.</u>		4 1.7	1.3	اق									44	44		
54/ 53	• 3. 1.	7, 3.7		;		t			-				υ7	-		
52/ 51	.4 2.	3 3.7	• 8,	_ -				<u> </u>					73	73		
50/ 49	1.3 6.			3. •	_	i		į į					122	122	74	Ö
48/ 47	.3 4.	1 3.3	-5 .										73	78		<u> </u>
46/ 45	1.2 0.			2 .	L;		,		-				114	114		10
44/ 43	.9.7.	<u> 2.9.</u>	• 9 •								<u> </u>		112	112		
42/ 41	1.1 6.		1.1							•			98	_	-	7
+0/ 39	.9 3,	9 •9		1:									63			9
38/ 37	.9. 2.		• 4	i		- 1		; ;	1				37		-	
36/ 35	.2 1.	7 • 61	· ·		<u> </u>		<u> </u>			<u> </u>			24			0
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32/ 31		• 1 <u>'</u>		<u> </u>	<u></u>		 	<u> </u>	· · · · · · · · · · · · · · · · · · ·		<u>. </u>		<u>l</u>	1	,	
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28/ 27				<u> </u>							·		_ `			1
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24/ 23										_				<u>. </u>	<u>:</u>	
22/ 21.								-		ł			:		1	
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lement (X)		77177	Z X	201	<u> </u>	°z	No. OL			- 72 5			with Tempera			
Dry Bulls		77133		291 858	47.2	11.305 0.505	- 3	30	10F	± 32 F	≥ 67 F	2 73 1	- 280 F	2 93	<u> </u>	Total 9
Wet Bulb		77551						30		1 6	 		 -			
Dew Point				407		6.046		30		1.6	 	+		+		9
ZEW POINT	10	64215	36	831	41.0	6.793	7	30		8.0	L				L_	9

DATA PROCESSING TRANCH USAF ETAC AIR *EATHER SERVICE/MAC

BEVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOILTS

PSYCHROMETRIC SUMMARY

34055 HAHN AS HU SPUCK GERMANY

Temp										DEPRE								TOTAL		TOTAL	
(F	5	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22 2	23 - 24	25 - 26	27 - 28 2	9 - 30	⊁3.	ວ.8. ¥.8. ວ	- Buib	Wet Bu-b	Dew Point
64/ 63			• i	• 2														3	3		
62/ 61			. 4		<u>• 1</u> !													3	_ 3		
60/ 59		_	1.1	• d	انق انق													2?	22	7	
58/ 57	• }		1.1	• 5,		• 1												<u> 27</u> 44	27	5	
56/ 55		1.6																	41	z 3	25
54/ 53	- • 	2.4	4.2	• 4	• 1.									·				- 41 74	74	<u>44</u> 5ز	23 -
52/ 51 50/ 49					,					:		;						105	105,		71
48/ 47		5.2		2	- 1 · 1					·		 						87	- 77		- 31
46/ 45		2.5 2.5		• 5	. 2;			,		-								51	81	64	95
44/ 43		7.4		. 3	• 2													116	116	103	92
42/ 41		â.1						. !		·								125	120	103	102
40/ 39		4.7			 +			—				·i-						85	85	115	TIT
38/ 37		3.0																3 c	58	79	89
36/ 35		2.0		• 2														32:	32	58	95
34/ 33		• 1	. 9									· ·				_		17	<u>1</u> 7,		
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Element (X)		Σχ²			žχ	\Box	X	·,	\Box	No. Ob	•.				Mean No	o. of H	ours with	Temperatur	•		
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Dry Bulb			9805		4248			6.4			30			•9						1	93
Wet Bulb		179	2523		4042		43.5	6.1	52		30			2.4		\Box				Ĺ	93
Dew Point			4163		3822			6.8	- 4	0	30			9.6		- 1		i — — —		7	93

DATA PROCESSING BRANCH USAF ETAC AIR LEATHER SERVICE/MAC

34055 HAHN AS / HUNS BUCK GERMA IY

Self C																PAGE	,	-DURS	
	Temp	· · · · · · · · · · · · · · · · · · ·			WET S	SULB T	EMPERA	TURE	DEPRES	SION (F	7					TOTAL		TOTAL	
10	۲ F ،	0 1-2 3	5 - 6	7 - 8 9	- 10 1	1 - 12	13 - 14 1	5 - 16	17 - 18 1	9 - 20 :	2: 22 23	- 24 25 -	25 27 - 28	19 - 3	0 • 31	ÎD B. ₩.8.Î	Dry Buib	Wer Bu t	De- Po
Self C	72/ 71													:			1		
566 05	70/ 69			• 0	• 1	.0	.0									14	14		
1	68/ 67		.0	•1		•0	.0									27	20		
04/ 03	66/ 65	•	2	• 2	• 1											>≏	50		
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60/ 59	62/ 61	•	3 .5	. 3	• 2	• 1										1 4	104	5	
1.9 1.7 1.6 .4 .5 .0 .1 .2 .3 .3 .3 .84 2.47 .5 .5 .5 .5 .3 .3 .2 .2 .4 1.2 .3 .3 .1 .0 .0 .5 .0 .5 .0 .5 .5	60/ 59	•3 •	9 .9		• 1	• 1			,						*****	193	193	47	
1.9 1.7 1.6 .4 .5 .0 .1 .2 .3 .3 .3 .84 2.47 .5 .5 .5 .5 .3 .3 .2 .2 .4 1.2 .3 .3 .1 .0 .0 .5 .0 .5 .0 .5 .5	58/ 57	٠٠ ١٠ ق.	3 L.C	. 4	• 1		. J		\$ *							204	264	115	1
10	56/ 55	.1 1.9 1.		. 4.	• 0	•0	. 1									384	384	247	ħ
52/ 51	54/ 53	.3 2.1 2.	4 1.2	.3	• 0	• 1	.01		1		;					475	476	456	۷,۶
## A	52/ 51			· 3.	•1	•0										269	550	455	0ر
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1.0	46/ 45	1.3 6.1 2.	1 .4	• 2.	• i	• 0										700	750	705	77
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38/ 37 1.1 3.0 .6 .1 375 375 552 736/ 35 .6 1.8 .8 .0 236/ 35 .6 1.8 .8 .0 236/ 35 .6 1.8 .8 .0 236/ 238 238 268 534/ 33 .7 .7 .5 .1 2.2 .6 .1 .1 .2 .5 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1	42/ 41	1.0 0.6 1.	7 .5	• 1.			i									732	732	840	۵2
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30/ ?9	34/ 33	.7 .7 .	5				,									1 142.	142	202	25
28/ 27	32/ 31	٠٤ .5	1				1		i							61	61	116	ż١
26/ 25 24/ 23 22/ 21 DTAL 10.648.275.2 9.8 3.9: 1.5 .6 .2 .0	30/ 29	<u>. 0</u> . 2 .	C					'	1				,		i	17	17	p1	17
24/ 23 22/ 21 DTAL 10.646.275.2 9.8 3.9: 1.5 .6 .2 .0	28/ 27	. u . o			1									:		7	7	21	10
22 / 21 DTAL 10.646.275.2 9.8 3.9: 1.5 .6 .2 .0 7440 7440 Filement (X)	26/ 25	<u> </u>					i			!				i		!			19
Element (X)	24/ 23	!	:		-	I			i	;				!		!			5
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Element (X) Z _X Z _X X Y _A Mo. Obs. Mean No. of Hours with Temperatura	·		·	·										<u> </u>		<u> </u>			
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PRUCESSING PRAGCH USAF ETAC DATA SERVICE/ AC

HAHN ARTHUISPUCK GERMANY

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DATA PROCESSING RRAYCH JAF ETAC AIR -EATHER SERVICE/MAC

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ement (X)	Σχ²	Zx	2	**	No. Obs.			Mean No.	of Hours wi	ith Temperatu		<u></u>	
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Bulb	1285102			5.981	899		22.4		 		+		9
t Bulb	1203157			6.553	899		25.2		 	 -	+		9
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DATA PROFESSING ARANCH USAF ETA, AIR RESIDER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34055 HAHR AZZHUNSPUCK GERHANY

Temp		WE	T BULB TE	PERATUR	E DEPRESSION	((F)				TOTAL		TOTAL	
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34/ 33	2.7 0.7 .0			1						-	89	111	
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Dry Bulb Wet Bulb	1318457	32709	36.3		900		25.1		 	+	+		90
Dew Point		31196				+	34.5			+	 		90
DEA LOIUL	1125680	31170	34.7	1.027	900	1	37+2		<u> </u>	_1			79

DATA PROCESSING RRANCH USAF ETAC AIR MEATHER SERVICE/MAC

USAFETAC

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Te-0					E DEPRESSION					TOTAL		TOTAL	
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18/ 47	.s 1.6 1.5	• 2			-		-			33	33	35	2
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4/ 43	1.2 4.9 .9	. 3								96	55	55	4
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10/ 39	2.0 7.8 3.1	.1								117	117	95	S
38/ 37	1.4 7.1 1.4	•1				<u>. </u>				91	31	109	10
36/ 35	1.4 3.9 1.0									102	102	135	5
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ew Point	1160729	31711		.852	899		30.0		T T		T		9

DATA PROCESSING PRANCH USAF ETAC AIR REATMER SERVICE/MAC

PSYCHROMETRIC SUMMARY

| 34005 | HANN Δ9/HUNSPUCK GERMANY | 9-77 | 124 | 1230-14400 | 1230-14400 | 1230-14400 | 1230-14400 | 1230-14400 | 1230-14400 | 1230-14400 | 1230-14400 | 1230-14400 | 1230-14400 | 1230-14400 | 1230-14400 | 1230-14400 | 1230-14400 | 1230-14400 | 1230-14400 | 1230-14400 | 1230-14400 | 1230-14400 | 1230-14400 | 1230-14400 | 1230-14400 | 1230-14400 | 1230-14400 | 1230-14400 | 1230-14400 | 1230-14400 | 1230-14400 | 1230-14400 | 1230-14400 | 1230-14400 | 1230-14400 | 1230-14400 | 1230-14400 | 1230-14400 | 1230-14400 | 1230-14400 | 1230-14400 | 1230-14400 | 1230-14400 | 1230-14400 | 1230-14400 | 1230-14400 | 1230-14400 | 1230-14400 | 1230-14400 | 1230-14400 | 1230-14400 | 1230-14400 | 1230-14400 | 1230-14400 | 1230-14400 | 1230-14400 | 1230-14400 | 1230-14400 | 1230-14400 | 1230-14400 | 1230-14400 | 1230-14400 | 1230-14400 | 1230-14400 | 1230-14400 | 1230-14400 | 1230-14400 | 1230-14400 | 1230-14400 | 1230-14400 | 1230-14400 | 1230-14400 | 1230-14400 | 1230-14400 | 1230-14400 | 1230-14400 | 1230-14400 | 1230-14400 | 1230-14400 | 1230-14400 | 1230-14400 | 1230-14400 | 1230-14400 | 1230-14400 | 1230-14400 | 1230-14400 | 1230-14400 | 1230-14400 | 1230-14400 | 1230-14400 | 1230-14400 | 1230-14400 | 1230-14400 | 1230-14400 | 1230-14400 | 1230-14400 | 1230-14400 | 1230-14400 | 1230-14400 | 1230-14400 | 1230-14400 | 1230-14400 | 1230-14400 | 1230-14400 | 1230-14400 | 1230-14400 | 1230-14400 | 1230-14400 | 1230-14400 | 1230-14400 | 1230-14400 | 1230-14400 | 1230-14400 | 1230-14400 | 1230-14400 | 1230-14400 | 1230-14400 | 1230-14400 | 1230-14400 | 1230-14400 | 1230-14400 | 1230-14400 | 1230-14400 | 1230-14400 | 1230-14400 | 1230-14400 | 1230-14400 | 1230-14400 | 1230-14400 | 1230-14400 | 1230-14400 | 1230-14400 | 1230-14400 | 1230-14400 | 1230-14400 | 1230-14400 | 1230-14400 | 1230-14400 | 1230-14400 | 1230-14400 | 1230-14400 | 1230-14400 | 1230-14400 | 1230-14400 | 1230-14400 | 1230-14400 | 1230-14400 | 1230-14400 | 1230-14400 | 1230-14400 | 1230-14400 | 1230-14400 | 1230-14400 | 1230-14400 | 1230-14400 | 1230-14400 | 1230-1

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44/ 43	.7 5.5 3.5									92	35	76	<u>ز د</u>
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	6255035 1550654 1382629	36760 34753	41.0	7.023	897 897		10.6						

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GATA PROCESSING FRANCE
USAF ETAC
AIR EATHER SE VICE/MAC

34055 HANN AR/HU-SPUCK DERMANY

0.26-5 (OL. A)

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PSYCHROMETRIC SUMMARY

TOTAL WET BULB TEMPERATURE DEPRESSION IF TOTAL 1 - 2 - 2 - 4 - 5 - 6 - 7 - 8 - 9 - -2 - 11 - 12 - 13 - 14 - 15 - 15 - 17 - 18 - 19 - 20 - 21 - 22 - 23 - 24 - 25 - 26 - 27 - 28 - 29 - 30 - 4 - 2 60/ 59 58/ 57 56/ 55 54/ 53 52/ 51 12 5 50/ 49 48/ 47 .1 2.7 1.7 77 17 7: 70 39 45/ 45 4.4 2.5 . 3 74 49 44/ 43 ·\$ 4.6 2.5 42/ 41 7.1 4.6 113 113 50 .7 5.0 4.9 7% 40/ 39 113 113 96 38/ 37 36/ 35 1.2 7.1 2.3 104 7.3 94 123 111 1.5 34/ 33 91 :09 1.0 3.3 1.9 53 27 85 . # 4.0 l.G 53 32/ 31 1.1 3.3 .1 30/ 29 28/ 27 71 1.2 1.3 24 56 •ì •9 •1 •≧ •ð 35 26/ 25 24/ 23 32 9 22/ 21 20/ 19 ٥ 18/ 17 15/ 15 12/ 11 ₫96 895 11.256.325.2 6.2 .6 896 Elevent (X) Σx No. Obs. 20F 232F 267F +73F 1 +80F 1 +93F Ref. Hum. 83.7 9.858 39.7 6.832 896 6362035 1455363 74983 Dry 8c1b 35589 896 13.6 33760 37.7 6.296 896 1307392 9C Wer Bulb 18.8 Dew Point 1139577 31393 35.0 6.657

DATA PROCESSING " 4 CH JSAF ETAC PSYCHROMETRIC SUMMARY AIR REATHER SEPTICE/ 440 34655 HAPPY AR / PULL STUCK GER 190-2000 PAGE 1 #ET BULB TEMPERATURE DEPRESSION 6 TOTAL TOTAL 3.4 5 5 18 9.10 11 213 1 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 73 D 3.4 5 0.3 Well Bulb Dev Poin 58/ 57 56/ 55 54/ 53 13 >2, 27 22 12 . 2 50/ 49 1.4 1.5 48/ 47 30 72 35 45/ 45 .7 0.7 1.0 34 44/ 43 .+ 0.2 2.2 **j** 4 42/ 41 έč 57 38/ 37 1.3 7.9 1.5 105 IJŚ 122 115 116 112 1.3 4.3 1.3 34/ 33 53 1,5 113 1.2 3.1 .1 â5 85 105 32/ 31 30/ 29 28/ 27 26/ 25 55 57 ÷5 1.3 .1 16 10 Zá 1.0 $\frac{247}{227} \frac{23}{21}$ 23 .1 1.1 12 20/ 19 18/ 17 16/ 15 12/ 11 2 10/ 7 c 99 12.764.220.7 2.0: .2: 879 : 0.26-5 (OL A) Element (X) Zy; No. Obs. heat No. of Hours with Temperature 0679827 77099 85.8 8.686 899 ± 32 F 1389071 34827 38.7 6.664 899 17.1 Dry Bulb 1267059 33279 37.0 0.256 899 | 21.2 90 Wet Bulls 40 De- Point 1125900 31242

USAF ETAC AIR *LATHER SERVICE/MAC 34055 HAHN AP/MUMSR

PSYCHROMETRIC SUMMARY

34055 HAHRI AP/MUNSRUCK GERMANY , 8-77 YEARS NOOTH NOOTH 120-2300

Temp				T BULB TE								TOTAL		TOTAL	
(F)	0 1-2 3-4	5 - 6	7 8 9.	0 11 - 12 13	- 14 15 - 16	5 17 - 18 19	- 20 21	- 22 23 - 1	24 25 - 26	27 28 29	- 30 + 31	D.B. W.B.	Dry Bulb	Wet Bu b	Dew Paint
58/ 57		. 2				·	•		1	,		, 2	2		
56/ 55	٠٠ اق.		• 2			4		1	1			?:	9	<u> </u>	
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52, 51	.8.											11,	11	15	1
50/ 49	1.0 1.	4 .2						- i	, !			24	24		13
48/ 47	.2 1.6	o! 3;						_!		•		. 24	24		13
46/ 45	.8 3.9 1.0	0 1										57	52		2.3
44/ 43	1.3 4.8 1.0							!	!			. 72	72	<u>5</u> 8	41
42, 41	1.5 0.9 2.					, [1			77	97	75	65
<u>/0/ 39</u>		}							1 1			11	113	6	63
361 37	2.2 8.6 .0		i			1		Į	1			103	103	1:4	102
36/ 35	2.3 9.0 2.0											124	124	119	141
31/ 33	1.7 4.8 1,		,				:	,			7	70	70	1.07	103
32/ 31	1.3: 4.8	3				1						55	58		7ช
30/ 29		١, ٥	•	. !	į	1	,	I		:	1	64	64	20	71
28. 7	i.4 .8 .	1: :				<u> </u>	<u>;</u>					21	21	24,	74
26/ 27	1.5 .7		;	'		1		į		ļ		15	15	17	40
24/ 23	<u> </u>	1!		·		1				<u> </u>	,	50	20		20
22/ 21	.3 .3	;	:					-	1 1	!	i	6	0	16	9
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Element (X)	Σχ		×	- 		No. Obs.				i	o' Hours wi	th Tamparra			
Rel. H. n.	590914		78431	87.2		89	- -	10F	± 32 F	##an No. ≥ 67 F	≥ 73 F	n lemperor	≥ 93 F		otal
Diy Balb	132990		34044	37.9	732	89	<u> </u>	- V F	18.6	- 0/ F	1 13 5	1 200 F	73 [90
Wet Bulb	122/14		32676	36.3		89			23.9	 -	┼ —	 	+		90
Dew Point	110:78		33867		6.837	89			32.5		 	 	 		90
				7792	0077/	<u> </u>	<u> </u>				<u></u>				

OATA PROCESSING PRANCHUSAF ETAC AIR -LATHER SERVICE/"AC HAHN AR/HUNSPUCK GERMANY
STATION NAME

																		, 		JURS	•
Temp.										DEPRE								TOTAL		TOTAL	
(F)	0	1 - 2	3 · 4	5 - 6		9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	<u> ≥ 31</u>	D B. W.B.	Dry Bulb	Wet Bulb	<u>, </u>
04/ 63	1		•		• 0		!			!!				!	1			1 1	6		-
62/ 61					_• <u>1</u>			,		 					!			12		ļ	_
60/ 59			• 0	• 1	• 0	_	_	į i			i			1	1			;	30		
58/ 57		•0	- + 1	<u>. 2</u>	•0	-0	-0	L		<u> </u>				· ·				30	- - 7 2		_
56/ 55	• Ú	i 1	• 3	• 3	• 4						į			1	ļ			72		14	
54/ 53		5	- 7	. 4	- 2												7-	126	125	48	
52/ 51	-	.7		• 2	• 1										ļ		ł	115 275	115	36	
50/ 49	2							<u> </u>										1	275	157	_
48/ 47				. 3											ļ		į	294	294	255	
46/ 45		4.3		• 3				<u> </u>						 	i		 -	490		366	
44/ 43	1.1			• 2				<u> </u>						!!	ļ		į.	583	583	514	
42/ 41		200	2.1	• 1			ļ	<u> </u>	ļ						!		<u> </u>	712	712	645	
40/ 39	1.5				•0				1	i l				j l	-		;	393	593	741	
38/ 37	2.1											i					i	759		923	
36/ 35	2.2		1.1		į				ĺ					į į	1		į	340		370	
34/ 33		4.8						L	<u> </u>					<u> </u>			ــــــــــــــــــــــــــــــــــــــ	577		844	_
32/ 31	2.2		• 5	.0			1	ļ					:		į		1	539	539	535	
30/ 29	1.6		ے و					L		<u> </u>		L		<u> </u>	i		<u> </u>	373		585	٤
29/ 27	1.4	1.3	• 1	•0			1	ļ		1								202		253	
26/ 25	,7		1				<u> </u>	<u> </u>						<u> </u>			<u> </u>	125		138	_
24/ 23	• 2	1.3	• 1		l í		ļ	l		!								105	105	89	
22/ 21	• 2						<u> </u>		<u> </u>			<u> </u>		<u> </u>			<u> </u>	28	28		Ĺ
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18/ 17	, l						<u> </u>	<u> </u>		L							<u> </u>	7	7	8	į
16/ 15		l i			l 1		ļ	i	l	1 !							1			Į	
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12/ 11				1			Į		l					!			1			l	
10/ 9							<u> </u>	<u> </u>		<u></u>		li					J				_
TOTAL	18.2	61.5	10.0	2.9	• 7	•0	• 0	ij .	1								ļ		7159	i	
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		لبيا	<u> </u>	<u> </u>			<u></u>		L	ليبا						<u></u>		<u> </u>		Ь	_
Element (X)		Σχ2	~ . ^ .		ZX		<u> </u>	7 7		No. Ob						~ ~		th Tempera			_
Rel. Hum			5193		6231			9.3		71		± 0 F		± 32 F 39•6	≥ 67		73 F	≥ 80 F	2 93		
Dry Bull			9525		2777			7.0		7:	07				-			 		 -	-
Wet Bulb			4848		2661			6.4		71				71.8				 	┼─	$-\!$	_
w Point		909	1865		2508			6.8		71	89		2	52.2		\Box					_

DATA PRUCESSING PRANCH USAF ETAC AIR **EATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

4055 HAHN AP/HUNSPUCK GERMANY ,8-77 PEC

STATION STATION NAME

PAGE 1 U0G0-0200
HOURS (L. S. T.)

WET BULB TEMPERATURE DEPRESSION (F) TOTAL 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | 23 | D.B. W.B. Dry Builb | Wet Builb | Dew Point 54/ 53 52/ 51 . 1 50/ 49 6 18 18 G. 7 48/ 47 30 46/ 45 2.2 30 13 10 44/ 43 23 23 85 1.7 35 -- 2.6 42/ 41 • 1 36 24 22 56 5ò 40/ 39 2.2 3.3 90 71 41 2.0 38/ 37 5.7 63 5.7 84 84 36/ 35 70 112 56 33 3.1 0.4 112 123 124 124 115 31 3.0 9.1 93 90 30/ 29 4.1 63 63 115 27 57 57 81 28/ 52 25 3.2, 2.2 52 56 39 69 75 1.0 5.2 69 24/ .3 2.0 33 23 22/ 21 33 62 2.0 19 43 43 42 20/ 46 13 59 18/ 17 13 23 1.0 . 8 16/ 13 37 13 14 15 10 14/ 13 • 9 15 15 Ó 14 12/ 11 10/ 10 7 13 3/ 930 29.063.0 6.9 430 930 930 No. Obs. Mean No. of Hours with Temperature Element (X) 7191296 9887**7**7 87.4 9.254 936 81326 Rel. Hum. ± 32 F ≥ 67 F × 73 F × 80 F × 93 F 930 31.6 8.023 30.5 7.783 49.0 29393 Dry Bulb 930 53.4 9_0608 28352 93 wet Bulb 810041

FETAC FORM 0.26-5 (OLA) REVISED MENOS

DATA PROCESSING PRANCH USAF ETAC AIR HEATHER SERVICE/MAC

HAHR AP/HU'ISPUCK GERMANY

PSYCHROMETRIC SUMMARY

Temp.											DEPRI									TOTAL		TOTAL	
(F)	0 1-	2	3 - 4	5 - 6	7 - 8	9 - 1	10 11	- 12 1	3 - 14	15 - 16	17 - 18	19 - 20	21 - 2	2 23 - 1	24, 25	- 26 2	27 - 28	29 - 30	2 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Po
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52/ 5:		. 2	• 2				-	_ :				l			İ				1	4	4		
50/ 47	• 1	.3			,								,							4	4	4,	
48 47	. 62	. 8	• 4				_!	;	i		<u>i</u>			.						11	11		
46/ 45	• 1; 1	. 9	5.		1	1					1	i		Ī		!			:	36	20		
44/ 43.	• 2 1		. 2					i	i		<u> </u>									22	22		1
42/ 41:	. 4. 3	.5	,9					,			,		!					i	!	1 45	45	3C.	2
40/ 39	2.0 3		. 3								1				_i	:		<u></u>		54	54	51:	
38/ 37	1.9 4	• 0	. 3	• 1	:	-	Ī		:		Ī	T				. 1			T	591			
36/ 35 ¹	3.6 5		. 41	<u>. ¿</u>		<u> </u>						<u></u>	:						<u> </u>	86	88		- 8
34/ 33		. 4	. 3		:	_						1	1						1	101	101		5
32/ 31.	2.7 6		1.3	2		<u>i</u>					<u></u>	7	<u></u>	<u> </u>	<u> </u>			i 	!	118	118	100	9
30/ 29.	2.0 5		!			İ		!				į	:	1		·		i	1	71	71		
28/ 27	2.7 2		• 1		· 	<u> </u>			!		<u> </u>		<u> </u>			:		<u> </u>	<u></u>	52	52		7
26/ 25		. 2	ļ	. 1		;	-	i	į		ļ	1	,			:		l	1	54	54		5
24/ 23		• 5	• 3	. 2	·	1					<u> </u>	↓	-	<u> </u>				; *		76	76		8
22/ 21		. 4	• 2		1	i	1	;			ļ	į	;	İ	ļ	i		į	1	40	40		4
20/ 19	1.6 1		• 3		<u>.</u>	<u> </u>					ـــــ					;		<u>i</u>	<u> </u>	34	36		
18/ 17:	2.2	. 8	• 1		!	ļ			ļ			ļ	i		ł	ļ			1	3.5	28	1	
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14/ 13:		.0	-		i			:	I		į		i			ļ			l	18	18		
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4/ 3					 						<u> </u>	ļ	↓	_		i		<u> </u>		<u> </u>	,	 ;	
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lement (X)			5908			154		8.3	J.6			30	+ -	0 F	¥ 32	= 1	Mean ≥ 67		2 73 F	th lempera	a 93	<u> </u>	Total
Dry Bulb	'		7749			857			8.1			30	├─ -	<u> </u>		•4	20/		€ /3 r	1-00F	+ - 73		9
Wet Bulb		_	5494			910	3	*• %	7.9	(2		30	 			• 4		-+		 -			
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0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLO

USAFETAC FORM 0.26-5 (OLA)

JATA PRUCESSING BRANCH JSAF ETAC AIR -EATHER SERVICE/MAC

HAHE AR / HUNSRUCK GERMANY

Temp						RE DEPRESSI					TOTAL		TOTAL	
/E	0 1 - 2	3 - 4	5-6 7-8 9	7 - 10 11 - 12	13 - 14 15 -	16 17 - 18 10	20 2: 22	23 - 24 25 - 2	6 27 28 29	. 30 . 31	ີລ.ຄ. ₩ ຄ.ີ	Dry 3u b	Wer Buib	De-
54/ 53		• 2							,		2	2		
52/ 51	·	ز.									3	ز	1	
50/ 49	.2 .4	• 1									7.	7	5	
48/ 47	.1 1.0	_ • 2									15	12.	7_	
45/ 45	.l. 1.0		• 1								19	19	īš	
44/ 43	.4 1.9		• 1				<u>-</u>				27	27	18	
42/ 41	.3 2.6	• 9				į			i		35	35	24	
40/ 39	1.4 4.8	<u>• 4.</u>				i					62	52	<u> </u>	٠
38/ 37	1.0 4.9	. 31				ļ	•				58	58	72	
36/ 35	2.6 6.3	- 9	<u>• i</u>								92	92	0.5	
34/ 33	2.0 7.7	• 9'									96	99	105	
32/ 31	4.2 9.7								·		<u></u>	139	106	
30/ 29	2.6 4.9				ı				•		71	71	123	
28/ 27	2.5 2.9										50	50	<u>59</u> .	
26/ 25	1.7 3.2		•				;				47	47	45	
24/ 23	1.8 4.6		_ <u>• l</u>		<u> </u>			··			- 63 - 42	63		
22/ 21	2.0 1.9		1	'		•			;			42		
20/ 19	1.2 2.4				·						34	<u> 34</u> 24	9د	
18/ 17 16/ 15	1.1 1.3				1	i	1		:		15	15	; 30 17	•
16/ 15	1.2 .4										17.	17		
12/ 11	- ;			1		! !					7	7		
10/ 9	2 .1					-+			+			3		
8/ 7	1 .1			ļ				i		•	1	1	, ,	
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TOTAL	27.564.6	7.4	. 4	1						:		930	i t	
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			j '											i
Element (X)	Σχ'		2 x	- X	₹ _R	No. Obs.			Mean No.	of Hours wi	th Temperat	ure		
Rel. Hum.	720	0603	8147		8.198	930	< 01			≥ 73 F	≱ 80 F	2 93 1	F T	Tota
Dry Bulb	96	6012	2899	8 31.2	8.159	930		51+			T	T		_
Wer Bulb		0064	2798		7.903	930		56.			_i	Ī		
Dew Point	79	3122	2591	6 27.9	8.738	930		64.	7	i	1	Ţ	\top	_

DATA PRUCESSING PRANCHUSAF ETAC AIR EATHER SE VICE/MAC

PSYCHROMETRIC SUMMARY

34055 HAPN AR/HUMSPUCK DERPANY 0900-1100 PAGE 1

Temp					RE DEPRESSION					TOTAL		TOTAL	
(F)	0 1-2 3-4	5-6 7-8 9-10	0 11 - 12	13 - 14 15 -	16 17 - 18' 19 - 20) 21 - 22 23	- 24 25 - 26 1	7 - 28 29 -	30 + 31	D.B. W.B.	Dry Bulb 1	Vet Bu b C	Jew Poin
54/ 53	.1 .1				i			;		2.	2,		
52/ 51	<u>. l</u>									1.	1	<u> </u>	
50/ 49	.0 .5					1				9	9	3	1
48/ 47	.1, 1.G .Z									12:		-	5_
40/ 45	·1. 1.4 ·4	• 1				:		;		19	19	15	10
44/ 43	.1 2.2 .9	• i								30	30⊹	17	11
42/ 41		. 1				;				61	51	53	51
40/ 39	.9 4.3 1.2									59	55	53	44
38/ 37	٠٤, ٥٠٥ ، ٥									65		54	ڏ 4
36/ 35	2.2 0.9 1.2									95		٤5	<u> </u>
34/ 33	2.2 0.5 2.4		,	ĺ	.				,	102		94	33
32/ 31	1.78.8 .7									106	100,	1.72	57
30/ 29	1.6 7.1 .3			,						84		: 35	57
28/ 27	2.6 2.2 .5	. 3		· ·		,				52		<u>°7</u>	107
26/ 25	1.7 3.2 .1		ı			•		1	1	47	47	35	82
24/ 23	2.0 5.2 .3	• 2				<u> </u>		· · · · ·		72		53	62
22/ 21	1.4 2.4 .1			,				i	;	36	36	46	42
20/ 19	1.9 2.6					· · ·				42		49	52
18/ 17:	• + • 5		1	i	i ;	ì	•			9		24	36
16/ 15	1.0 .3					<u> </u>			<u> </u>	12		12:	29
14/ 13	• 2 • 5	•		i		1	: 1	:	1	7		5	22
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8/ 7	<u> </u>	· · · · · · · · · · · · · · · · · · ·				<u>i — </u>		<u> </u>		1	1	1:	6
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TOTAL	21.366.311.5	• 8, • 1)		1		1 i	;	1	l		930		930
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Element (X)	ΣX,	ZX	X	₹	No. Obs.	<u> </u>		Mean No. of					
Re. Hum.	6919525	79797	85.8	8.845	930	10F	± 32 F	≥ 57 F	≥ 73 F	≥ 80 F	≥ 93 F		otel
Dry Bulb	1004562	29694		7.796	930		47.4					-i -	93
Wet Bulb	923014	28462		7.478	930		55.1			 			93
Dew Point	797081	26103	28.1	8.328	930	<u> </u>	62.7						93

USAFETAC FORM 0.26-5 (OL A)

(OL A) It will previous tolingers on this rotal are obsolite

JATA PROCESSING RRANCH USAF LTAC AIR *EATHER SERVICE/4AC

HAHN AR/HUMSPUCK GERMANY

									PAGE	i	HOURS .	
Temp		WE	T BULB TEMPERATUR	E DEPRESSION	.F)				TOTAL.		TOTAL	
₹ F ' _	0 1 - 2 3 - 4	5-6 7-8 9-1	0 11 - 12 13 - 14 15 - 1	6 17 - 18 19 - 20	21 - 22 23	- 24 25 - 26 2	7 - 28 29	30 + 31	"D B. ₩.B.	D-, B.: b	Wer Bu'b !	Dew Po
54/ 53	• 6						i		2	- 2		
52/ 51	, 4								4	4		
50/ 49	1.0 .2								11	11	4.	
48/ 47	.1 .0 1.0	-1 -1							1 3	18	14	
45/ 45	.2 1.6 1.0	• 1							27	27	10	1
44/ 43	.3 3.4 1.7	•1							57	52	32°	1
42/ 41	.3 4.8 1.3						Ī		5^	60	+7	2
40/ 39	.3 4.0 1.4	• š		•		,	•		04	54	74	Ć
38/ 37		•1							वी	31	55	-4
36/ 35	1.3 0.0 2.7			:	1			1	93	93	5 l	9
34/ 33	1.6 0.7 2.0								95	96	115	7
32/ 31	2.210.3 2.2	.1 .3	1		- :	1			140	140	130	10
20/ 29	1.3 3.3 1.3	•1 •1							24	54	115	7
28/ 27	2.2 2.8 .0	• 2				,			, 5 4	54	54	9
26/ 25	1.8 3.0 .1	• 1			·		:		47	47	58	Ó
24/ 23	.9 0.5 .1		! !			: '			50	69	51	4
22/ 21	.3 1.6 .1					i			21	21	53:	4
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18/ 17	•1. •5:			;					7:	7	ċ	
16/ 15	.5 .4					i	1		9,	9	10	3
14/ 13	• 2. • 2:			i :					4.	4	5	
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		1						ļ			.	
Element (X)	Σχ' :	ZX	X ex	No. Obs.			Mean No.	of Hours wi	th Temperat	ure		
Rel. Hum.	6644865	78035	84.0 9.848	929	±0F	± 32 F	≥ 67 F	≥ 73 F	≥ 40 F	2 93	FT	otal
Dry Bulb	1093580	31140	33.5 7.469	929		42.1			1	 		9
Wet Bu'l	992575	29627	31.9 7.172	929		48.6			1	1	1	9
Dew Point	847411	27003	29.1 8.208	929	l.,	60.7			1	 		9

UATA PRUCESSING RRANCH
USÁF ETÁC
AIR -LATHER SERVICE/MAC

34055 HAHN AP/HUMSPUCK GERMANY
514150 STATION NAME

TEMP WET BUI

PSYCHROMETRIC SUMMARY

FASE 1 1500-1700

Temp						EMPERAT							TOTAL		TOTAL	
, F	0 1-2	3 - 4	5 - 6 7 -	8 9 - 1	0 11 - 12	13 - 14 15	- 16 17 -	18 17 - 20	21 - 22 2	3 - 24 25 - 2	6 27 - 28 29	7 - 3C × 31	D.B. W.B.			Dew Poin
52/ 51										,	ļ		3	3,		
50/ 49	. 3	• 4		1			:		 	<u>i</u>			7	7	l	
48/ 47	i.C	• •								1	1		13	13	8	ذ .
46/ 45	.4 1.6	• 4	<u>• 1</u>							1			24	24	15	10
44/ 43	.9 1.3	• 5								1			27	27	Σè	22
42/ 41	.5 5.5	1.5	<u>.l.</u>					!	<u>. </u>				72	72	29	24
40/ 39							_	i					57	57	62	46
38/ 37	1.1 7.0	1 - 2.											કે ઠ	36	72	>6
35/ 35	1.3 4.7						•				,		9.5	52	75	81
34/ 33	1.7 7.8	2.2							<u>'</u>			. !	109,	109	93	52
32/ 31	1.7 9.1	• &		ı			1	-	I - I				103	108	127	76
30/ 29	1.3 5.4	•6	<u>. 4.</u>	. l		·	:						71	71	116	100
28/ 27	2.0 3.0	• 2	4.	-				:			,	,	53 ,	5.3		112
26/ 25	2.3 4.6	• L	• 2					<u>.</u>					67	67	<u>5</u> 6	65
24/ 23	1.2 5.9	• 3:	• 1.	i			-	,			,		70		54	75
22/ 21	1.1 1.9	• 2		•			:						30	30	45	37
20/ 19	.2 2.0					-		-					21	51	50	5 7
18/ 17	1.1 .0.				4	i			<u>.</u> i		•	1	16,	10	27	25
16/ 15	٠٠ ٠٠		:	1	, -	!		!			1		: 11	11,	10	30
14/ 13	• 1.				4		1					i	1 11	1	- 5	18
12/ 11	.1.						1	Î			!	į į	2	Z	2	17
10/ 9.			1	1		į	İ		;	į	i		• •		· ·	12
8/ 7							Ī									:
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Element (X)	2 x2		ΣX		X	" g	1	. Obs			Mean No	. of Hours w	ith Temperat			
Rel. Ham	6817			9698		9,544		930	±0 F	± 32 F		≥ 73 F	≥ 80 F	₹ 93 1	F 1	Total
Dry Bulb		4685		0245		7.413		930		45.						93
Wet Bulb		5341		3907		7.175		930		54.					\Box	92
Dew Point	814	4541	20	5423	28.4	·).286	3	930	•	1 63.	6			T_		93

FORM 0.26 5 (OL.A). BEVISTO PREVIOUS FORTONS OF THIS FORM ARE ON

USAFETAC PORT 0.26-5 (OLA)

DATA PROCESSING BRANCH USAF ETAC AIR SEATHER SERVICE/MAC

34055 HANN AR / HUNSRUCK LERMANY

PSYCHROMETRIC SUMMARY

1000-2000 PAGE 1

Temp			T BULB TEMPERATI					TOTAL		TOTAL_	
(F)	0 1-2 3-4	5-6 7-3 9-1	0 11 - 12 13 - 14 15 -	16 17 - 18 19 - 20	0,21 - 22 23 -	24, 25 - 26 27 -	28 29 - 30 + 3	D.B. W.B.	Dry buib, W	er Bulb De	w Poins
50/ 49	.51.							51	6		
48/ 47	.1 1.5 .2,						•	17	17	6	4
46/ 45	.4: 1.5: .4:		•1					23:	23	22	T4-
44/ 43	.5 2.3 ,4	•				i		30	30	22	l >
42/ 41	.6 3.1 .5			-	- 		1	41	41	33	-27
40/ 39	.3 4.9 1.4				:			65]	65	55	34
38/ 37	1.7 5.1 .9				- -		-;	71	71	70	64
36/ 35	1.0 5.3 3.0				,	•		92,	92	68	63
34/ 33	1.9 8.8 1.4				-r			113	113	168	61
32/ 31	1.913.6 1.2	1						125	128	104	97
30/ 29	2.3 4.2	.1					- i	61	61	130	TOC
28/ 27	2.5. 3.1 .1	. 3	•	<u> </u>			i	56	50	60,	109
26/ 25	2.8 2.9 .1	.4 .1	 *				1	50	54	50	59
24/ 23	1.2 5.7 .1				•	•	1 .	65	65,	50.	69
22/ 21	1.4 1.2 .3		!				· ·	27	27	02.	25
20/ 19	1.0 2.3 .1	ì	ì,					31	21	30	53
18/ 17	.8 2.2							27	27	37.	29
16/ 15	.6 .4	, ,	-			1 .		10	10	14	23
14/ 13	.43.		77.		;			7	7:	S :	31
12/ 11.	• 1.	•				1 '		1	1	1.	19
10/ 9								1			10
8/ 7								1 :	1		5
4/ 3:	1						1				1
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OTAL	22.765.910.3	.9 .1	• 1 <u>.</u>		!	1	<u> </u>	_	930		930
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Element (X)	Σχ²	ZX	X *x	No. Obs.			on No. of Hours	with Temperat			
Rel. Hum,	6950247	79937	86.0 9.243		±0F		67 F 2 73 I	= 80 F	≥ 93 F	To	
Dry Bulb	1005819		32.0 7.539			47.2					93
Wet Bulb	92742		30.7 7.322		 	54.6			J		93
Dew Point	803257	26205	28.2 6.356	930	5.	65.3					93

HAHL AR/HUI SRUCK GERMANY

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FORM	3 A A 4
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DATA PRUCESSING BRANCH USAF ETAC AIR -EATHER SERVICE/MAC	PSYCHROMETRIC SUMMARY

STAT ON			\$.	"ATION NA	ME						•	EARS				W04	174
														PAGE	1	2100-	
Temp					KET	BULB 1	EMPERATI	IRE DEPR	ESSION (3				TOTAL		TOTAL	
(F)	0 1.	2 3 • 4	5 · 6	7 - 8							3 - 24 25 - 26	27 - 28 29	- 30' + 31		Dry Bulb		Dew P
2/ 51		• 2		· · · · · ·					1			-		2	2.		
0/ 49	• 1	• .	i.			i			1	1	•			2	Ž.	3;	
8/ 47	1					•1					- i -			141	14	31	
6/ 45	.2 2			_		1		!	1	•		ì		33	33.	191	1
4/ 43		.8			• 1				$\dot{oldsymbol{+}}$					29	26	29:	
2/ 41	.4. 2					• .			!			1		35	35	25	
0/ 39	· i 4			• 1		-			 					55	55	431	
	1.9 4									ļ		•		63	631	66.	. (
6/ 35		.5 1.6						ı	1					1001	100	65!	
	3.0 6					. ;		İ		1		,	•	108	108	115	•
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0/ 29	1.2 6		-			•		ı		!	:		i	72	72	125	,
8/ 27	3.4 3		3	,.		•		1	 					07	67		10
6/ 25	2.4. 2	-	1 .1	1					i		ï	;	:	50!	50:	47	
4/ 23	i.7 5						:-		†		T T			76	76		_
2/ 21	1.5 3		_			i	:	ì	i		i	•	!	42	42	63	
0/ 19	1.0 2		5					i	 		i			34	34	44	-
8/ 17	.9 1		;	1				:	1	Ì	j	•	1	18	18	20	1
6/ 15:		.1		ī				- :				:		131	13	14	7
4/ 13		.9		İ				ļ	1 ,	ĺ	-			. 13!	13	20	
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ement (X)	ΣX	, '		ZX		<u>;</u>		No. (bs. T			Meon No.	of Hours wit	th Temperat			
i. Hym.		01500		802	81:		9.557		930	5 0 F	± 32 F	· · · · · · · · · · · · · · · · · · ·		≥ 80 F	• 93 F	. 7	Total
y Buib	<u>·</u>	97593	9	292			7.802		930		49.0		1	1	1	_	
r Bulb		70144		280			7.558		930		56.1		 	†	1		
w Doint		78254		257		27,7			930		64.5		+	+	+		

HAHH AR/HUNSRUCK GERMANY

DATA PROCESSING RRANCH USAF ETAC AIR REATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

PAGE 1

96C

ALL

																HOUPS .	5. 7.1
Temp.								URE DEPR						TOTAL		TOTAL	
F,	0 1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14 15	- 16 17 - 18	19 - 20	21 - 22 23	- 24 25 - 26	27 - 28,29	. 30 + 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Por
54/ 53	• 1	0: •1												. 10			
52/ 51	•	1: .2		ĺ				<u> </u>			-			, 19,	_ 19	6	
50/ 49	.1 .:	5 . 2	·	-		,								521		24	11
48/ 47	•i. 1•0	0, ••.	0	• 0		• 0:					1			, 113	115	64	
46/ 45	.2 1.6	ű • t.	• 1.	• 0		• 0	-7							201	301	126	
44/ 43	.4 Z.	1 .7	- 1,	:	• 0				:	:				230	239	197	132
42/ 41	.4.3.			• 0	• Q:				:			1		385	385	240	180
40/ 39	1.1 4.5		1	• 0				1	<u> </u>			'		472	472	464	529
38/ 37;	1.3 2.4	4 . 3	• 0							i				555,	555	532	392
36/ 35	2.0 0.0								<u>: </u>					726	726	579	638
34. 33	2.4. 7.			-				1		:				240	840		523
37/ 31	2.4 9.4		_ • 1	• 1/-										964	964		731
30/ 29	1.0 5.			• 0	-	-	,			,				547			764
28/ 27	2.6 2.9		. 2,						·					441	441	475	76
26/ 25	2.3 3.			• Qi		1	į			•				423	423	423	536
24/ 23	1.7 5.4					!		,	~- -					560	>60	409	556
22/ 21	1.3 2.			1	1	1		1		•			,	271	271	451	286
20/ 19	1.2 2.0				. :				,	· 				256	256	305	399
18/ 17	• 9	_	,	;		ļ		1						142	142	217	32.
16/ 15	.7 .:								· 					91	91	106	247
14/ 13	• 5		:	i	·	-	1	į	1	:				82	82	98	15:
12/ 11	<u> </u>				<u> i</u>	i		!						35	35		120
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Element (X)	<u>'</u> Σχ'		 	ε _x		Ž	•,	No. U	bs.	<u></u>		Mean No.	of Hours wi	th Temperat	ı re	٠	<u> </u>
Rel. Hum.		60479		6421	05	86.3	9.251	7.	29	20F	= 32 F	; ≥ 67 F	= 73 F	≥ 80 F	- 93	F '	Total
Dry Bulb	80	29123		2373	39		7.838		139		382.6	· [-		74
Wet Bulb		07966		2279		30.6			139		434.0		 	\top	1		740
Dew Point	64	44424		2095		28.2		7.	139	• :	3 510.3		 	1	T		744
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DATA PROCESSING PRANCH USAF ETAC AIR *EATHER SERVICE/*AC

HAHN AR / HUNSPUCK GERMANY

														PAGE	• -	ALL
Temp			WETB	ULB TE	MPERA	TURE	DEPRES	SION (F) _					TOTAL		TOTAL
(E) ") 1.2 3-4	5-6 7-8	9 - 10 1	1 - i2 1:	3 - 14 1:	5 - 16	17 - 18 1	9 - 20 2	1 - 22 2	3 - 24 2	5 - 26	27 - 28,29	- 30 × 31	ี อ.ย. พ.ย. ัส	ory Bulb 1	Vet Buib De
90/ 89								.0	• 0		•01		•0	Q:	9	-
88/ 87						•0	.0		• 0	.0	•0	• J.	•	20,	20)	:
86/ 65					.0	.0	.0	• 0	•0:	.0	•0		•0	73	73	
64/ 63				•0	. C	.0	ωÜ,	•0	• 0	•01	• 0	•6	•0	119	119	
82/ 81		,	• 0	• 0:	•0	•Û	.1	<u>.</u> 5	•01	•0;	•0			177	172	
80/ 9			• 0	۰0,	. 1	. 1	.1	.ა	• 0	.0	ن .			238	238,	
78/ 77		•0.	•0	•1	1	•1	.1,	•0	• 9	.01		;-		367,	367;	
76/ 75	•6	.0 .0.	• 1	. 2	. 1	. 1	. 1	• 0	• 0					516	516	
74/ 73.		.3 .1	•1	• 2	.1	.1	•0	•0	•31					546	646	
72/ 71	ن •	.0 .1,	• 2:	. 2;	• 2.	. 1	اد.	• C;				;		7091	169	9
70/ 69	•0 •0			• 3,	. 21	.1	.0	•0:	•01			···		1176,	1170	0.5
68/ 67	•G •1	2.	• 5:	. 3!	. 2	.1	• 0'	. 0	• 0						1 400	228
66/ 65	.3 .0 .3			• 2;	.1	.1	•0	.0						1929	1929:	315
64/ 63	.0 .1 .6			. 3:	. 1	. 1	• 0	• Ü,						2507	2507	934
32/ 61	.U .4 .Ö		• 5	. 2	. 1	.0	.0				 -			7958	2958	.578
60/ 59	.1 .ć .9		. 1	. 2	• 0	•0			•	·				3558	3558	755 أ
58/ 57	1 1.1 1.1	.9, .6,	• 3	•11	•1	•0		i		1	- ;			13747	37471	367911
56/ 55	.1 1.3 1.3			• 1)	• Q:	ŋ			1	į				4003	4303	4083: 2
54/ 53	.2 1.2 1.0		• 2	•1	• 3					i -	 ;			41.4	414/	4466: 3
52/ 51	.2 1.1 1.3			• 0	.0		:	!		1		·		34201	3420	4605 ¹ 3
50/	. 2 2.3 1.0			• 0	• O;			i						151241	51241	5108 5
48/ 47	.2 1.7. 1.5		- !	• 0	•0	:		į	į	- 1	•		•	3813	3813	5117 4
46/ 45	.3 2.2 1.2			• 0;										4018	4018	4645 5
44/ 43	.4 2.3 1.2		• 0	• 0	:	-		i	- 1	i	:	:				4742 4
42/ 41	.3 2.6 1.5		• 1;	• 0		:								4390	4390	450414
40/ 39	.5 2.5 1.5		• 0	• 0	Ē	•	Î	l	1	i	ŧ	:	:	4626	4626	4637:4
38/ 37	.5 3.0 1.2		• 0;						-+	<u>-</u> -		- 				4927 4
36/ 35	6 3.5 1.3	- 1 1	• 0	;	:	i	:	ļ	- 1			Ī	i	4853	4853	5020:5
34/ 33	. 0 3.1 1.2		• 01		i			一十				;		4457	4457	5659 4
32/ 31	5 3.3 .9		- 1	- 1	1	i	ļ	1	1	i		ĺ	i	4395	4395	4598 5
30/ 29	.8 2.2 .3	 						- 						2908	2908	4917 5
28/ 27	.9 1.1 .2			- 1	į	:		I	- 1	Ì	i	-	ļ	2021	2021	2793 4
26/ 25	.a 1.G .1			$\neg \neg$							- i			1503	1503	1783 3
24/ 23	.3 1.3 .1			- 1	1	i	į	l	- 1	1	l	1	į	1461	1461	1379 2
Element (X)	Σχ2	. Zx		x		┯	No. Obs					Mean No.	of Hours wi	th Temperati		
Rel. Hum.				- +		\dagger		$\neg \vdash$: 0 F	7 :	32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Tot
Dry Balb		 	 			+				╁			 	 	†~ ~~~	-
Wet Bulb		 				+		-		+			 	 	 -	+
				 +		٠				 -			 	- 	+	

DATA PRUCESSING BRANCH

AIR REATHER SERVICE/MAC

• 5

HAHN AR/HUMSPUCK GERMAMY

USAF ETAC

22/ 21

3 0.26-5 1OL

Element (X) ZX Rel. Hum. 528355553 6618477 76.615.664 56371 ± 32 F ≥67 F = 73 F ≥ 80 F ≥ 93 F 3975956 198648392 46.013.449 Dry Bulb 36371 1448.6 611.5 224.0 86371 165509580 3653122 42.311.284 Wet Buis 1864-8 31.4 6760 138338996 3315768 36371 .32798.8

20/ 19 560 713 1490 56C 18/ 17 •0 32% 320 1145 • 2 501 ç75 239 239 255 16/ 15 276 14/ 13 208 235 >64 12/ 11 122 122 150 555 10/ •0 50 o 5 230 8/ 31 ر35 6/ 153 4/ 29 27 0/-1-2/-3-4/ -5 9. 439.672.311.2 7.3 4.7 2.6 1.4 .8 .4 .2 .1 .1 TOTAL 56371 60371 803/1

WET EULB TEMPERATURE DEPRESSION (F)

3 - 4 5 - 6 7 - 8 9 - 10 1 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 - 31

PSYCHROMETRIC SUMMARY

555

D.B. W.B. Dry Buis Wer Buis Dem Pair

095 1203 1090

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DATA PROCESSING PRANCH USAF ETAC AIR EATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

UPY-BILL TIMPS-ATURES DEG F FROM HOUR Y CISSERVATIONS

34055	ખં/ ન	h a=/=	. Sence	(J£R™.	≥∿¥		۵	_						
- J. A. J. W.			***	[N. NAME					-			-		
-2° , 5 +		A.S.	F()	~ 47	APR	# A *	7.0~	, J.	4.G	SŧÞ	30.	NO.	260	ANNUAL
	w (4 %	32.5	37.3	35.4	+0.4	42.1	:3.7	57.9	57.7	52.1	45.	3 . 5	31.6	43.5
302		7.111	7.057	7,911	7.578	4.106	4.301	:.100	5.379	6.035	5.493	100	8.023	11.716
•	O"A. CB.	230	945	936	900	246	٤1 -	836	930	°0 0	931	100	930	10585
	₩ { ± %	32.7	31.1	35.1	39.1	44.5	52 · 2	56.1	55.8	50.3	43.c	37.2	31.0	42.4
G3-15	5 0	7.104	7.199	7.324	7.010	5.778	6.179	5.642	5.097	5.933	5,43?	^.:al	9.192	11.376
	OTAL DBS	. 3.J	245	930	900	<u> 902</u>	<u> </u>	9:)3	930	900	93.	:99		10376
· •				<u>.</u> .										
	₩įA%												31.2	44.0
⊕5=58													2.159	12.553
	014. DBS_	<u> 229</u>	345	930	900	9 03	<u> </u>	9,;2	<u> 930</u>	<u> იეი</u>	-63~	<u>:00</u>	°30	10376
			75.0	33 1	, E ,	£. /			- (2.5			20.1		
	# E & %						£1,3						31.5	47.4
· 09-11	3 U 1014, 085												7.795	14.121
<u></u>	<u> </u>	230	244	930	900	<u> შეპ</u>	275	963	930	900	930	299	930	108/5
:	*EAN	34.3	35.4	41.8	48.5	57.8	- 3.1	67.7	67.5	60-6	51.4	47	33.5	50.2
12-14			-		-								7.469	14.733
	'O"A: 085	930	245	930	900			903			931	_	929	10972
:														
	MEAN	32.5	34.9	41.3	48.5	57.4	62.5	67.4	66.8	59.6	49.7	39.7	32.5	49.4
15-17	5 0	779	7.042	8.777	9.344	8.223	6.655	8.405	7.620	7.501	7.082	6, 332	7.415	14.754
<u>.</u>	014. 085	329	940	930	900	584	<u> </u>			900	93^		930	10310
<u>. </u>														
<u>:</u>	7:47	_33.1	33.5		45.4					55.6			32.0	48.7
18-20														13.439
L	OTAL CES.	930	845	929	900	945	815	837	<u>93</u> ე	700	93^	- 299	930	10685
						40.0								
1	MEAN :	- •	37.5										31.4	44.5
21-23		7.227												12.239
<u> </u>	C'AL OBS	230	246	930	900	346	810	E37	930	900	930	<u> 99</u>	930	10688
	WE &	32.9	32.0	37.6	43.9	52 2	57.7	62 1	61.5	55.1	47 0	32.6	31.9	46.0
: į All	5 2				-									13.449
' ∽CURS	ICTAL OBS		5765		7200		~789							
<u> </u>		1035	3,03	1737	1 EUV	1432		1002	<u> </u>	1177	124	7 3 9 7	1437	- VO311

USAFETAC COLA 0 27 5 (OLA)

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DATA PROCESSING PRANCH USAF ETAC AIR WEATHER SERVICE/MAC

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MEANS AND STANDARD DEVIATIONS

WET-BULB IT MPEKATURES DEG F FROM MOURLY GESERVATIONS

34055	НДН	N AR/HU		•	744A		ુ8 −7 ξ	si .						
5'A' Ch			\$-A*	CN NAME			-			TEARS				
HRS LST		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	oc-	~ov	DEC	ANNUAL
	MEAN	31.2	3".3	32.8	37.2	44.2	49.3	54.0	53.8	49.3	43.3	34.6	30.5	40+
00-02	\$ 5	6.771	4.705	7.040	6.298	5.599	5.452	5.008	4.590	5 .523	6.269	5.542	7.783	10.67
	TOTAL OBS	930	946	930	900	<u>≘45</u>	815	835	930	<u>900</u>	93^	≎00	930	1068
	MEAN	30.7	29.6	31.9	36.0	43.3	48.8	53.0	52.7	48.1	42.3	34.0	30.0	40.
03-95	5 D	6.788	6.778	7.125	6.201	5.505	5.555	4.870	4.597	5.568	6.274	4.553	7.962	10.58
	"DTAL OBS	930	846	930	900	902	876	903	930	900	930	≥99	930	1087
	WEAN	30.5	29.8	32.3	37.3	45.8	51.3	55.3	54.8	49.6	42.9	34.3	30.1	41.
06-08	\$ 5	7.091	6.543	7.096	6.258	5.586	5,638	4.948	4.702	5.485	6.248	5.585	7.903	11.27
	TOTAL OBS.		846	930	900	903					930		930	
	MEAN '	31.2	30.8	34.7	39.9	48.1	53.3	57.3	57.1	52.3	45.2	37.4	30.6	43.
09-11	ŝ 🤈 '	6.887	5.427	7.152	6,525	5.918	5.800	5.304	4.678	5.486	6.004	5.514	7.478	11.699
	TOTAL OBS	030	844	930	900	903	<u> </u>	903	930	900	930	⇒99	930	1087
	MEAN	32.6		36.8				58.6		53,8				44.
12-14	S 0	6.671	6,337	7.130	6.560	5.006	>.65 3:	5.161	4.534	5.539	6.005	5.354	7.172	11.56
	TOTAL OBS	930	845	930	900	903	876	903	930	899	930	<u> </u>	929	1087
	MEAN	31.9	32.2	36.3	41.3	49.2	54.0	58.1	57.8					44.
15-17													7,175	11.55
	TOTAL OBS!	929	845	930	900	884	854	881	930	900	930	a96	930	1081
	MEAN	31.6		34.8				57.0		51.2				-
18-20												6.756		11.23
	TOTAL OBS	930	846	929	900	845	810	837	930	900	930	299	930	1068
	MEAN	31.2	30.5	33.5	38.0	45.2	50•3	54.9	54.3	49.7	43.5	36.3		
21-23	3												7,558	
	TOTAL OBS	930	846	930:	900	846	810	837	930	900	930	₹99	930	1068
	MEAN	31.4	30.9	34.1	38.9	46.6	51.8	56.0	55.6	50.9	44.4	37.0	30.6	
ALL HOURS	S D												7.568	
	TOTAL C :5	7438	6765	7439	7200	7032	6788	7002	7440	7199	7440	7189	7439	8637

USAFETAC FORM 0.89-5 (OLA)

DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOUSEY MASERVATIONS

055	НАН	N AD/HU	いいるもりにも	(GERMA	/4γ		3-7:	,						
STAT ON	_		5"AT	ON NAME						YEARS				
SIST		,AN	FEB	MAR	APR	MAY	אטנ	jÜL	AUG	SEP	OC*	NOV		ANNUA
	MEAN	20.8	27.2	28.5	32.3	49.2	45.8	50.9	50.8	46.8	41.3	34.8	28.2	37
00-02	5 0	7.415	7.502	7.914	7.320	5.487	6.371	5.677	5.294	5,898	6.864	5.039	8.720:	11.1
	TOTAL 085	930	846	930	900	246	810	835	930	900	930	200€	930	106
	MEAN.	22.4	26.8	28.2	31.7	39.7	45.7	50.3	50.1	46.1	40.5	34.4	27.9	37
3-05	S D	7.452	7.567	7.991	7.134	6.474	6,401	5.465	5.308	5,891	6.805	5.386	5.814	11.0
	TOTAL CBS	930	846	930	900	902	875	903	930	900	930	399	930	
	MEAN	28.4	27.0	28.7	32.9	41.5	47.5	52.1	51.8	47.4	41.0	34.7	27.9	38
80-60	\$ D	7.701	7.200	7.839	6.943	5.318	6.346	5.297	5.114	5,652	6.673		8.738	11.4
	TOTAL OBS	929	446	930	90C	903	876	902	930	900	930	300°	930	
	MEAN	28.7	27.5	29.7	33.3	42.1	47.7	52.4	52.2	48.4	42.4	3€.3	28.1	30
9-11	S D 3	7,575									6.525	5. = 52	8.325	11.
	TOTAL OBS		544	930	900	903				900	930	599		
	MEAN	29.7	28.5	30.1	33.5	42.4	48.0	52.3	52.1	43.5	43.1	35.9	29.1	3
12-14	S D '	7.353	7.148	8.349							6.842	5.790	8.208	11.
. – –	TO'AL OBS			930	900							<u>897</u>		
	MEAN	29.1	28.0	29.5	32.8	41.7	47.4	51.7	51.4	47.8	42.2	35.0	28.4	3
15-17		7.492	7.092	8.193	7.571	5.736	6.333	5.727	5.437	6.092	6.825	5.657	8.288	11.
	TOTAL OBS	929	846	930	900	884	354	881	930	900	930	296	930	10
	MEAN	29.0	27.8	29,4	32.8	41.4	47.1	51.9	51.4	47.5	41.8	34.8	28.2	3
8-20	SD.	7.596	7.022	8.002	7,415	6.642	6.244	5.594	5.353	6.042	6,793	6.589	8.356	11.
	TOTAL ORS	930	846:	929	900	845	810	837	930	900	930	£ 99	930	10
	MEAN	28.5	27.1	28.8	32.2	40.4	46+1	51.1	50.5	46.8	41.1	34.3	27.7	
21-23.	5 D	7.682	7.135	7.914	7.497	6.494	6.211	5.499	5.297	5,930	6.806	6.837	8.585	11.
	TOTAL OBS						810		930			399	930	10
	MEAN	28.8	27.5	29.1	32.7	41.2	46.9	51.6	51.3	47.4	41.7	34.9	28.2	3
ALL	5 D	7.554	7.242	8.038	7.351	4.453	6 409	5-605	5.333	5.971	6.809	6.836	8,513	11.
HOURS														

USAFETAC FORM 0-89-5 (OLA)

VATA PROCESSING HRANCH ETAC/USAF AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

34055 HAMIL AR/HUNSRUCK BERMANY

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STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS	1		PERCENTAC	SE FREQUENC	Y OF RELATIVE	HUMIDITY G	EATER THAN			MEAN	TOTAL
HTMOM	(LS T.)	10%	20%	30%	40%	50%	60%	70%	80%	90%	SVITAJSS YTKIMUH	NO. OF OBS.
JAN.	0U-ú2	100.6	100.0	100.0	100.0	100.	28.8	95.3	79.5	٥,٥	46.3	930
	05-د0	100.0	100.0	100.0	100.0	39,0	98.6	90.7	33.4	41.7	66.9	930
	80 ~ a0	100.0	100.c	100.0	100.0	99.	99.7	95.5	79.7	19.3	86.3	929
	09-11	190.0	100.0	100.0	100.0	99.7	93.6	93.5	76.1	35.7	35.5	930
	12-14	100.0	100.0	100.0	100.0	99.6	97.7	88.8	68.6	31.2	83.6	930
	1>-17	100.0	100.0	100.0	99.9	99.3	97.8	90•1	70.4	30.5	33.9	92 9
	10-20	100.0	100.0	100.0	107.0	99.6	98.7	93.0	73.9	34.0	84.9	930
	21-23	100.0	100.0	100.0	100.0	97.9	98.5	93.8	75.3	35,3	35.0	930
			Approximately a particular of the particular of									
TO	TALS	100.0	100,0	100.0	100.0	99.7	98.4	93.4	75.9	36.0	85.3	7438

USAF ETAC FORM 0-87-5 (OL 1)

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DATA PROCESSING PRANCH ETAC/USAF AIR REALMER SERVICE/MAC

RELATIVE HUMIDITY

34 155 HAHIR AP/HOMSQUER DERMANY

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STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS			PERCENTAC	SE FREQUENCY	CF RELATIVE	HUMIDITY G	REATER THAN			MEAN	TOTAL
MONTH	(LS.T.)	10%	20%	30%	40%	50%	60%	70%	80%	90%	RELATIVE HUMIDITY	NO. OF OBS.
F£B	00-02	100.0	100.0	100.0	100.0	99.5	93.8	89.0	υ ά. 5	74.2	9.55	546
	05-د0	100.0	100.0	100.0	100.0	ę9, ₀	98.5	92.0	72.3	21.4	ö4.5	846
-	0v - 08	100.0	100.C	100.0	100.0	99,0	98.2	92.4	71.5	27.0	84.2	540
	09-11	100.0	100.G	100.0	99.9	98.7	45.6	85.J	01.6	26.9	81.5	544
	12-14	100.0	100.0	100.0	98.3	96.0	49,l	57.1	45.C	17.5	76.8	345
	15-17	100.0	100.0	100.0	95,9	90.)	39.2	58+4	43.7	16.9	76.8	24 6
	13-20	100.0	100.0	100.0	100.0	98.5		80•3	53.3	18.9	50.1	845
	21-23	100.0	100.0	100.0	100.0	99.1	•	\$3.0	58.7	20.2	81.0	846
 _			And the second s	Annual Principles								
то	TALS	100.6	100.0	100.0	99,7	98.4	95.2	62.2	59.2	72.2	81,0	67ô:

USAF ETAC RIL 04 : 0-87-5 (OL 1)

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UATA PRUCESSING FRANCH ETÁC/USAF AIR MEATHER SERVICE/MAC

RELATIVE HUMIDITY

34055 HAHE AF / HUNSRUCK GERMANY

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MAK

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS			PERCENTAG	E FREQUENCY	OF RELATIVE	HUMIDITY G	REATER THAN			MEAN RELATIVE	TOTAL
монтн	(LS T.)	10%	20%	30%	40%	50%	60%	70%	80%	90%	* KELATIVE	NO. OF OBS.
MAR	00-02	100.0	100.0	190.0	99.2	90.13	88.7	70.9	44.5	19.6	77,3	930
	02-05	100.0	100.0	100.0	99.8	97.2	92.2	75.3	52.3	25.2	79.7	930
	?o⇔08	100.6	100.0	99.9	99.5	08.0	93.7	75.8	>1.4	24.3	79.7	930
	09-11	100.0	100.0	99.7	96.8	91.2	30.6	57•5	36.3	14.3	73.2	930
	12-14	100.0	99.8	97.1	91.4	30.0	61.5	40.0	20.9	8.1	65.7	930
	1>-17	100.0	99.9	97.7	91.4	80.3	50.5	36.8	18.9	7.2	64.9	930
	10-20	100.0	100.0	99.7	96.8	90.3	77.5	53.9	28.2	9.0	71.1	929
	21-23	100.0	100.0	99.9	98.7	93.8	84.4	65.3	35,4	14.4	74.6	730
	The second secon					~						
то	TALS	100.0	100.0	99.3	95.7	90.9	79.9	59,6	36.0	15,4	73.3	7435

USAF ETAC | FORM | 0-87-5 (OL 1)

DATA PRUCESSING BRANCH ETAC/USAF AIR MEATHER SERVICE/MAC

RELATIVE HUMIDITY

34755 HAHN AP/HUNSPUCK GERHANY

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STATION

STATION NAME

PERIOD

HTHOM

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS			PERCENTAG	E FREQUENCY	OF RELATIVE	HUMIDITY G	REATER THAN			MEAN	TOTAL
MONTH	(LS.T.)	10%	20%	30%	40%	50%	60%	70%	80%	90%	- RELATIVE HUMIDITY	NO, OF OBS.
APR	00-02	100.0	100.0	99.7	98.8	90,7	75.2	60.0	26.6	10.4	72.8	900
	03-05	100.0	100.0	99.9	99.4	96.:	83.0	69.2	45.3	4,زا	75.0	900
	90-08	100.0	100.0	99.9	92 Q	23.5	5.16	54.7	41.9	13.7	74.8	900
	G11	100.0	100.0	99.2	92.3	75.0	58.1	39.0	20.6	5,4	64.7	900¢
	12-14	100.0	100.0	97.2	62.1	58.3	42.9	27 . ú	15.3	2.9	58.4	900
	15-17	100.0	100.0	95.1	75.9	57.9	41.4	27.4	16.7	3.8	57.5	900
	1ē-20	100.9	100.0	98.6	99 . 0	72.2	56.3	37.2	22.0	5.2	63.8	900
	21-23	100.0	100.0	99.4	97.3	81.8	67.3	49.6	29.6	7.8	48.9	900
					Agreement of the state of the s							
TO	TALS	100.0	100.0	98.6	92,2	78.2	63.3	46.8	28.6	7.8	67.1	7200

USAF ETAC PORM 0-87-5 (OL 1)

DATA PRICESSING PRANCH ETÄC/USAF AIR MEATHER SERVICE/MAC

RELATIVE HUMIDITY

34355 HAHM AR/HUNSRUCK UERMANY

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MAY

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS			PERCENTA	GE FREQUENCY	OF RELATIVE	HUMIDITY G	REATER THAN			MEAN	TOTAL
MONTH	, (LS1)	10%	20%	30%	40%	50%	60%	70%	80%	90%	RELATIVE	NO. OF OBS.
¥aY	00-02	100.0	,100.0	100.0	100.0	97.4	37.4	: - 55•0	33.C	9.6	74.9	840
	05-د0	100.0	100.0	100.0	100.0	99.~	92.7	71.8	43.6	14.2	77.6	902
	90-00	100.0	100.0	100.0	99.9	95.4	84.5	52.7	¿7 , 9	9.0	73.5	963
	07-11	100.0	100.0	99.9	9.ċ€	82.3	56.6	34.2	11.7	4.7	04.1	903
	12-14	100.0	100.0	99.7	\$8.S	50.9	41.1	21.5	3.4	3.0	58.4	96
	15-17	100.0	100.0	98.5	85.4	63.2	39.3	23.1	8.3	2.1	57.8	გ 84
	10-20	100.0	100.0	100.0	94.4	81.8	58,9	36.3	14.6	5.0	64.7	945
	21-23	100.0	100.6	100.0	99.1	93.6	75.8	55.4	23,3	7.9	70.9	846
	THE RESERVE OF THE PERSON OF T	1							THE PARTY OF THE P			
	Name and the same											
TC) TALS	100.0	100.0	99.5	95.7	85.1	67.2	46.3	21.4	7.1	67.7	7037

USAF ETAC ALL 0-87-5 (ÓL)

DATA PRECESSING MANC, ETAC/USAF ATR JEATHER SERVICE/HIC

RELATIVE HUMIDITY

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STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS			PERCENTAC	SE FREQUENCY	OF RELATIVE	HUMIDITY G	EATE? THAN			MEAN	TOTAL
MONTH	(LS.T.)	10%	20%	30%	40%	50%	60%	70%	80%	90%	RELATIVE	NO. OF OBS.
ina	0v+02	100.0	100.0	100.0	99.4	90.2	87.7	. 72.5	43.9	17.0	77.1	# £ C
	5ن-ذ0 [:]	100.0	100.0	100.0	100.0	97.5	90,1	76.1	22.5	22.5	79.5	= 75
	00-08	100.0	100.0	100.0	95.9	93.7	. 83.7	67.4	37.≅	13.2	75.2	270
	04-11	100.0	100.G	75.7	93.2	82.5	en.6	39.3	17,5	6.1	65.2	3.76
	12-14	100.0	100.0	97.9	₫ 9. 7	72.4	45.1	70-1	12.9	4.7	02.1	876
	15-17	100.0	99.9	97.1	89.2	69.4	46.5	30.5	14.4	5.4	00.5	854
	13-20	100.0	100.0	98.1	93.3	81.0	54.8	26.0	22.0	9.û	67.9	810
	21-23	100.0	100.0	100.0	95.8	92.3	80.0	62.7	33.5	3,6	73.3	810
······································		1		NAMES OF THE PROPERTY OF THE P	THE REAL PROPERTY AND ADDRESS OF THE PARTY AND		O STEERING OF THE STEERING OF			Vermande and it is being		
	100 C 100 C	No. 4. as as as as as as as as as as as as as		W. W. W. W. W. W. W. W. W. W. W. W. W. W	essentin a de personal de la constanta de la c		Action of the second sec					
τo	TALS	100.0	100.0	93.9	94.9	85.0	69.8	52.9	29.3	11.5	ò9.7	6788

USAF ETAC 200 0-87-5 (OL 1)

OATA PROCESSING PRANC, ETÁC/USAF AIR REATHER SEFVICE/PAC

RELATIVE HUMIDITY

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STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS			PERCENTAG	E FREQUENCY	OF RELATIVE	HUMIDITY G	REATER THAN			MEAN	TOTAL
MONTH	(LSI)	10%	20%	30%	40%	50%	60%	70%	80%	. 90%	RELATIVE	NO. OF ONS.
JUL	:0v=02	100.0	100.0	9.6	y5.0	76.4	41.5	76.4	49.5	1 72.4	78.6	836
	05-دو	100.0	0.001	99,9	99.0	97.5	94.8	25.5	o0.2	36.2	92.2	903
	Qo-08	100.0	100.0	99,0	97.9	95.,	: · 39.2	73.7	44.0	: : នៃ•្	77.5	902
	11-40	100.0	100.0	98.2	95.2	5.73	50.9	41.4	:7.6	7.0	57.9	609
	12-14	100.0	99.3	97.6	91.9	72.1	46.3	24.7	10.C	٤.٤	60.1	903
	15-17	100.0	99.0	95.9	69.7	70.3	42.8	24.9	10.3	۶.۶	59.3	351
	1-20	100.0	99.9	97.4	94.9	85.1	á5.5	42.5	20.1	3.:	56.9	837
	21-23	100.0	100.0	99.2	97.5	95.0	82.9	64.6	36.2	14.1	74.3	g37
	THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NAMED IN COLUMN TWO IS NAMED IN COLUMN TWO IS NAMED IN COLUMN TWO IS NAMED IN COLUMN TWO IS NAMED IN COLUMN TWO IS NAMED IN COLUMN TWO IS NAMED IN COLUMN TWO IS NAMED IN COLUMN TWO IS NAMED IN COLUMN TWO IS NAMED IN COLUMN TWO IS NAMED IN COLUMN TWO IS NAMED IN COLUMN TWO IS NAMED IN COLUMN TWO IS NAMED IN COLUMN TWO IS NAMED IN COLUMN TW		u par	Antonia editoria			of Colors			AND STATE OF THE S		NATIONAL PROPERTY AND ADDRESS OF THE PROPERTY ADDRESS OF THE PROPERTY AND ADDRESS OF THE PROPERTY AND ADDRESS OF THE PROPERTY AND ADDRESS OF THE PROPERTY AND ADDRESS OF THE PROPERTY AND ADDRESS OF THE PROPERTY AND ADDRESS OF THE PROPERTY AND ADDRESS OF THE PROPERTY AND ADDRESS OF THE PROPERTY ADDRESS OF THE PROPERTY ADDRESS OF THE PROPERTY ADDRESS OF THE PROPERTY ADDRESS OF THE PROPERTY ADDRESS OF THE PROPERTY ADDRESS OF THE PROPERTY ADDRESS OF THE PROPERTY ADDRESS OF THE PROPERTY ADDRESS OF THE PROPERTY ADDRESS OF THE PROPERTY ADDRESS OF THE PROPERTY ADDRESS OF THE PROPERTY ADDRESS OF THE PROPERTY ADDRESS OF THE PROPERTY ADDRESS OF THE PROPERTY ADDRESS OF THE PROPERTY ADDRESS OF THE PROPERTY
	нициператири		4 11 11 11 11 11 11 11 11 11 11 11 11 11	AMMINISTRALIA SALITONESCIMINA			Service Pro- Servi			-		MARKET AND
TC	TALS	100.0	99.8	78.6	95 _€ 6	87.6	72.6	54.2	٥٤.0	13.5	70.8	7002

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DATA PROCESSING TRANC, ETACYOSAF AIR -FATHER SERVICE/ ""

RELATIVE HUMIDITY

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STATION

STATION NAME

PERIOD

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CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS			PERCENTAG	E FREQUENCY	OF RELATIVE	HUMIDITY G	REATER THAN			MEAN	TOTAL
HTMCM	(LS.T.)	10%	20%	30%	40%	50%	60%	70%	50%	90%	RELATIVE	NO. OF CBS.
166	Gu- 2	100.e	100.3	100.0	99.9	95.4	35.0	75.3	5,46	71.0	73.3	93,
_	03-05	100.0	100.0	100.0	99.7	99.5	93.¬	<u>.</u> • 4	27.4	79.7	32.0	93(
	 0e - 08	100.0	;100.0	100.0	99.6	95.:	91.1	76.1	. +3.7	. 74.	79.1	93:
	07-11	100.0	100.0	99.>	90.1	25	05.3	40.0	22.9	0.6	57.8	ا{و
	12-14	100.6	99.9	93.1	89.0	67.0	46.2	28.2	11.9	4.6	00.1) j
	15-17	100.0	100.0	97.1	87.7	68.2	47.9	28.4	13.2	4.5	60.2	93(
	15-20	150.0	100.0	79.7	94.5	85.2	67.8	45.5	25.1	3.6	\$8,5	93(
	21-53	100.0	102.0	loc.o	98.8	94.4	80.3	55+8	37.3	14.1	74.5	930
				1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		kon parimananan pagabata	THE PERSON NAMED IN COLUMN 1		MANAGEMENT PROPERTY OF THE PRO	erres		
			OPP TRITION	Rodifications of the Control of the			shingares de despiración de la constitución de la c		Characteristic Control of the Contro	MATERIAL PROPERTY AND AND AND AND AND AND AND AND AND AND		
10	TALS	100.0	100.0	99.3	95.7	67.1	72.4	56.4	33.7	14.4	71.4	744(

USAF ETAC 25 0-87-5 (OL 1

DATA PRECESSING PRANCA ETAC/USAF AIR LEATHER SERVICE/FAC

RELATIVE HUMIDITY

HAM. AS/H, YSPUCK OCKFARY

STATION

STATION NAME

CUMULATIVE PEPCENTAGE FREQUENCY OF OCCURRENCE (FROM YOURLY OBSERVATIONS)

	→ OURS			PERCENTA	GE FREQUENC	Y OF RELATIVE	HUMIDITY G	REATER THAN			MEAN	TCTAL
MONT:	(LST)	10%	20%	30%	40%	50%	60%	70%	80%	90%	- RELATIVE HUMIDITY	NO. OF OBS.
SEP	09-92	190.5	100.0	100.0	100.0	.00.2	97.3	29.0	1.1	^2.4	02.6	9 00
	03-05	100.0	100.0	190.0	100.0	,00.	99.1	72.7	73.4	32.4	45.6	900
	06-08	100.0	100.0	:100.G	100.7	99.7	77.5	77.00	ر5.7	79.4	c4.1	900
	0=-11	100.C	100.0	100.0	99.3	95.	#3.3	62.9	al.i	10.4	73.6	900
	12-14	100.0	100.0	120.3	y5.2	95.;	64.5	38.5	15.2	4.5	65.8	849
	1>-17	100.0	100.0	100.0	97.5	36.	65.C	40.4	17.3	5.4	56.6	40 0
	120	100.0	100.C	100.0	100.0	97.0	34.9	58•€	26.7	11.9	75.3	900
	21-23	100.0	100.0	100.0	100.0	99.7	94.1	31.9	49.7	18.1	79.7	900
	u mma			Official statements of the statement of	Contract Contract of the Contr		пиния полительный учений полительный полит	ROBERT TO SERVICE STATE OF THE		CLINING MINISTER	Official Control of the Control of t	
	пинини пи			The second secon	AND PROPERTY AND P		A COLUMN TO THE PERSON TO THE	-		dissiliation of the state of th		
:0)TALS	100.0	100.0	100.0	99.3	95.4	85.9	70.9	43.4	16.8	76.6	7199

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JATA PROCESSING TRANS. ETAC/USAF CIR -EATHER SERVICE/MAC

RELATIVE HUMIDITY

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STATION

STATION NAME

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MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS			PERCENTAG	SE FREQUENCY	OF RELATIVE	HUMIDITY G	EATER THAN			MEAT!	TOTAL NO. OF
HTMOM	(LST)	10%	20%	30%	40%	50%	60%	70%	80%	90%	HUMEDIT?	OBS.
- C T	SC-00	100.0	100.0	100.0	100.0	99.3	98.7		75.3	41.0	\$5.1	930
	03-05	100.0	100.0	100.0	190.0	99.4	99.0	95.1	s4.1	51.0	03.6	930
	0 c-08	120.0	100.0	100.0	100.0	69,4	98.2	75.6	ac.a	44.9	57.5	930
	07-11	100.0	100.0	100.0	g7.5	07.5	93.3	£3.4	56.5	30.3	21.:	y3 0
	12-14	100.0	100.0	100.0	94.5	93.3	62.5	63.5	37.3	17.7	74.7	730
	15-17	100.0	100,0	100.0	95.5	95.2	35.1	71.1	42.5	19.5	75.7	930
	10-20	100.0	100.0	120.9	99.8	98.9	94.7	86-1	39.0	27.7	62.0	930
	21-23	100.0	100.0	100.0	100.0	99.7	97.5	87.4	67.3	32.5	84.4	930
	Grant music days	Marina de Harana		en ann ann ann ann ann ann ann ann ann a	History and the state of the st	THE CONTRACT OF THE CONTRACT O		A PARESTAN STAN STAN STAN STAN STAN STAN STAN	HARMAN HA	Annuality Page 44 4. Market		Maintaine
	on no trip of	munimum a relief		**************************************	найминентеревору побемен на	-		MAI PARAMETER MAINTENANT MAINTENA	The second secon			WATER THE PARTY OF
10)TALS	100.0	100.0	100,0	99.5	98.1	93.9	84.8	63.0	33.3	82.7	7440

USAF ETAC 25 0-87-5 (OL 1)

DATA PRICESSING RRANCH ETAC/USAF AIR REATHER SERVICE/MAC

RELATIVE HUMIDITY

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STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS	7		PERCENTAC	SE FREQUENC	Y OF RELATIVE	HUMIDITY G	REATER THAN			MEAN	TOTAL NO. OF OBS.
HTHOM	(LST)	10%	20%	30%	40%	50%	60%	70%	80%	90%	RELATIVE HUMIDITY	
NOV	00-02	100.0	100.0	100.0	100.0	100.0	99.6	96.7	54.6	50.0	68.4	900
	03-05	190.0	100.0	100.0	100.0	190.0	79.8	97.0	80 0	50.3	49.9	894
	30-08	100.0	100:0	100.0	100.0	100.3	99.9	96.3	88.7	52.1	89.2	900
	09-11	100.0	100.5	100.0	100.0	99.5	99.2	93.9	78.4	35.5	86.5	399
	12-14	100.0	100.0	100.0	100.0	99.2	96.7	82.6	62.2	28.2	8.58	<u> 5</u> 97
	15-17	100.0	100.0	100.0	100.0	99.9	98.5	38.1	06.4	29.1	83.7	396
	10-20	100.0	100.0	100.0	100.0	50.5	99.6	94.9	74.9	36.4	B5.8	g 9 9
	21-23	100.0	100.0	100.0	100.0	100.0	99.7	95.6	80.5	43.5	87.2	599
_												
TC	DTALS	100.0	100.0	100.0	100.0	99.5	99.1	93.2	78.1	41.8	36.7	7189

USAF ETAC 101.64 0-87-5 (OL 1)

DATA FRUCESSING FRANCE ETAC/USAF AIR HEATPER SERVICE/PAC

RELATIVE HUMIDITY

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STATION

HAHM AR/HUMS UCK DERMAMY

STATION NAME

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HINOM

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS			PERCENTAG	SE FREQUENCY	OF RELATIVE	HUMIDITY GR	EATER THAN			MEAN	TOTAL
	(LS T.)	10%	20%	30%	40%	50%	60%	70%	80%	90%	RELATIVE HUMIDITY	NO. OF OBS.
BEC	00-02	100.0	100.0	100.0	99.5	98.3	58.0	97.0	₫5 , 2	43.5	37.4	930
	0.05	100.0	100.0	100.0	100.0	99.>	98.2	97.7	87.2	48.9	58.3	930
	06-08	100.0	100.e	100.0	100.0	99.6	98.9	97.3	84.5	44.5	å7 . 6	930
	0/-11	100.0	100.0	100.0	99.9	99.4	98.8	94.7	77.2	38.0	85.6	930
	12-14	100.0	100.0	100.0	99.6	99.0	97,4	90.7	69.9	31.9	84.0	925
	15-17	100.0	100.0	100.0	99.6	99.1	98.2	93.6	14.0	30.1	35.1	939
	18-20	100.0	100.0	99•9	99.6	98.9	98.4	96.2	79.2	37.0	86.0	93(
	21~23	100.0	100.0	99.8	99.5	98.4	97.6	96.9	b0.6	39.8	86.3	930
												=
10) TALS	100.0	102,0	100.0	99.7	99.1	98.2	95.5	79.7	40.0	86.3	7439

USAF ETAC FORM 0-87-5 (OL 1)

CATA PROCESSING RANCH ETAC/USAF AIR REATHER SERVICE/MAC

RELATIVE HUMIDITY

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ALL

STATION

STATION NAME

PERIO

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HCURS			PERCENTAC	SE FREQUENCY	OF RELATIVE	HUMIDITY G	EATER THAN				TOTAL
MONTH .	(LS I.)	10%	20%	30%	40%	50%	60%	70%	80%	90%		NO, OF OBS.
JAN	-LL	105.0	100.0	100.0	100.0	99.7	98.4	93.4	75.9	1 _{6.} 0	05.3	7438
E E -3	<u> </u>	100.0	100.0	100.0	99.7	98.4	95.2	£2.2	59.2	72.6	81.0	6705
×AR	HIRACOPAGNA NA	100.0	100.0	99.3	94.7	90.5	79.9	59.0	i5.0	1 15,4	73.3	7439
APR	: !	100.0	100.C	95.6	92.2	78.,	63.3	40.3	25.6	7,5	67.1	7700
22.Y	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	100.0	100.0	99.8	95,7	<u> 45. i</u>	67.2	46.3	21.4	7.1	67.7	7032
LN		100.0	100.0	yd.9	94.9	35.0	69.8	52.9	29.3	11.5	69.7	6785
JUL	****	100.G	99.8	98.6	95.6	97.0	72.6	54.2	31.0	13.5	70.3	7002
106	A CONTRACTOR OF THE CONTRACTOR	190.0	100.0	99.3	95.7	67.1	72.4	56.4	33.7	14.4	71.4	7440
SEP		106.0	100.0	100.0	79.3	95.4	85.9	70.9	43,4	16.8	75.6	7199
SCT		100.0	100.0	100.0	V9.6	98.1	93.9	84.5	¢3,0	33.3	ŝ2.7	7440
₩Ĺ.V	The same same same same same same same sam	100.0	100.0	100,0	100.0	90.9	99.1	93.2	78.1	41.8	86.7	7189
0EÇ	-	100.0	100.0	130÷0	29.7	99.1	9.6.5	95,5	79.7	40.0	06.3	7439
70	TALS	100.0	100.0	99.5	97.4	92.1	83.0	69.7	48.3	21.7	76.5	56371

USAF ETAC - FORM 0-87-5 (OL 1)

U S AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER

PART F

PRESSURE SUMMARY

Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the overall period is limited by service as indicated below.

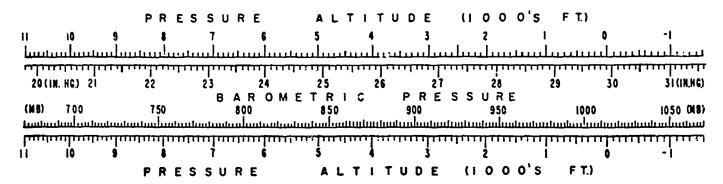
NOTES: Station pressure not reported for all services until late in 1945.

Station pressure reported only at 6-hourly times for Air Force stations from Jan 64 - Jul 65.

METAR stations do not report Sea-level pressure for the period Jan 68 - Dec 70.

- 1. Station pressure is presented in the table in inches of mercury.
- 2. Sea-level pressure is presented in millibars. DATA NOT AVAILABLE

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressurealtitude in 1000's of ferr. This scale is an enlarged model of the pressure-altitude scale in the Smithsonian Meteorological Tables.



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DATA PRUCESSING ERANCH JSÅF ETAC AIR WEATHER SERVICE/MAC

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MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HE FROM FOURLY COSERVATIONS

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_ s·√. ō⊷	•		S'A' C	NAME			"EASS								
HRS . S		JAN	F18	4AR	APR	MAY	JUN .	JUL	AUG	SEP	oc-	NOV	DEC	ANNUAL	
	₩EA~	28.1982	8.1502	8.2152	8.195	3 - 2242	2.2822	8.3242	8.2982	8.3182	8.3202	9.1962	2.293	28.251	
00	5 C	• 304	.319	.257	.220	•170	.149	.145	.144	.199	.253	- 39	.314	247	
	280 JA*O*	310	282	310	300	282	275	279	310	300	31^	<u>00</u> 5	310	3563	
	MEAN.	28,1932	3.1372	8.2002	8.183	23.2122	3.2742	8.3072	8.2852	8.3062	3.3502	28.1882	3.288	28.240	
03	s c	.304			.219			.148			.253	.289	.314	.247	
	"O"A. 085	710	282	310	300	301	292		310	200	310	≥00	31G	3626	
	MEAN	28 - 1 6 7 2	20,1372	8.2022	8.190,	28.2222	P.2822	28.3142	8.2422	8.3102	8.3082	29.1822	8.283	28.24	
0¢	s o	.304	.319	.261	.222			.152	.148	.203	.261	288	.317	.249	
	*O*A. 085	310	282	310	300	301	292	351	310	300	310	≥00	310	3626	
	MEAN	28.2042	3.1572	8.2162	8.201	23.2322	8.293	8.3252	8.3072	8.3282	8.3282	28,2002	8.302	28.259	
09	S D		.321		.225			.154				-289	.317		
	TOTAL OBS		282	310	300	301	292	301	310	36.0	310	300	310		
		28.1952	20 1562	0 2132	R 101	20 2262	2 207	. 6 3 . 8 .	P 2017	Q 2,13	2 7222	2= 1907	6 203	78 263	
12	MEAN	.306			.221:			.153		.203		288	.316		
14	S D		282	310	300		292	301	310	300	310	298	310	3624	
	<u> </u>														
	WEAN	28.186	28.143	13.1922	8.174	23.2142	8.2742	28.3042	8.2872	8.3052	3.3102	28.1212	8.287	28.23	
15	s >		.31	.258	.218	174 و				.200		.286	.312	.240	
	"O"AL OBS	310	282	310	300	₹301	292	301.	310-	300	310	299	310	362	
	MEAN	28.1952	28.1552	8.2012	8.179	28.2122	8.2682	8.3022	8.2842	8.3082	8.3232	23.1912	8.298	28.24	
18	\$ 0	.304		.256	.215			.145			.251	.291	.309	.245	
	TOTAL CBS	310	282	310	300	282	270		310	300	310	299	310	3562	
	MEAN	28.2002	20 1623	9 2112	g 10g-	26. 2212	9 280-	10 3303	9 3022	8 3222	0 3333	o .ORT	9.304	28,250	
21	S D	.303				166							-309	247	
	TOTAL OBS	:		310	300		270		310	300	310	299	310	356	
		70 102	30 18-	0 2042	10 180			2445	2 2052		10 210	10 .012	6 204	20 24	
ALL	MEAN	28.195													
HOURS	S D	.304				174								244	
	.TOTAL OBS	2480	2230	£40U	2400	2351	2210	6346	4900	_2400;	Z400.	5343	2480	28814	

USAFETAC FORM 0-89-5 (OLA)